



Ssc Cgl Tier II Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier II Previous Year Question Paper on 2023-03-07 in the Morning exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Cgl Tier II exam. There are 150 questions in the exam and 135 minutes are provided for the Ssc Cgl Tier II exam. The Cutoff of the exam was 260 marks hence you should try to score at least 270 marks.

Ssc Cgl Tier II Previous Year Question Paper : Questions and Solutions

Question 1 :

Find the average of the following sets of numbers. 693, 456, 876, 532, 934, 691, 596, 398, 682

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. 550.50

2. 750.80

3. 650.89

4. 725.90

Solution :

The correct answer is **Option 3** i.e. **650.89**

Find the average

693, 456, 876, 532, 934, 691, 596, 398, 682

The average = $[693 + 456 + 876 + 532 + 934 + 691 + 596 + 398 + 682]/9 = 5858/9 = 650.89$

Question 2 :

The largest three-digit number that gives the same remainder 2 when divided by 3, 5 and 9 is _____.

Difficulty : Moderate

Average Time : 36 Seconds

Options :



999

2. 984

3. 998

4. 992

Solution :

The correct answer is **Option 4** i.e. **992**

Given that

The largest three-digit number that gives the same remainder 2 when divided by 3, 5 and 9.

$$\text{LCM}(3, 5, 9) = 45$$

$$\text{The largest three-digit number that gives the same remainder } 2 = 45 \times 22 + 2 = 990 + 2 = 992$$

Question 3 :

The angle of elevation of the top of a tower from the top of a building whose height is 680 m is 45° and the angle of elevation of the top of same tower from the foot of the same building is 60° . What is the height (in m) of the tower?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. $340(3 + 3)$

2. $310(3 - 3)$

3. $310(3 + 3)$

4. $340(3 - 3)$

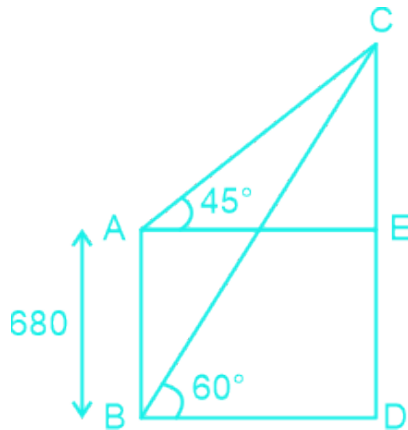
Solution :

The correct answer is option 1 i.e. $340(3 + 3)$

Let AB be a building = 680 m

The CD is a tower

As shown in the figure



In triangle ACE

$$\tan 45^\circ = CE/BD$$

$$CE = BD = CD - 680$$

In triangle CBD

$$\tan 60^\circ = CD/BD$$

$$CD = BD \cdot 3$$

$$AB = CD - CE$$

$$CD = AB + CE = 680 (3 - 1)/ 3$$

$$CD = 340(3 + 3) \text{ m}$$

Question 4 :

The median of a set of 11 distinct observations is 73.2. If each of the largest five observations of the set is increased by 3, then the median of the new set:

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. is 3 times that of the original set
2. is increased by 3
3. remains the same as that of the original set
4. is decreased by 3

Solution :

The correct answer is **Option 3** i.e. remains **the same as that of the original set**

Given that

The median of a set of 11 distinct observations is 73.2

The observation is 11 (odd number)

it means that the median in the 6th observation is 73.2

Now,

If each of the largest five observations of the set is increased by 3.

Then, the median will not change because the observation is still 11 then the median is still the 6th observation i.e. 73.2

Thus, the median remains the same as that of the original set.

Question 5 :

A prism and a pyramid have the same base and the same height. Find the ratio of the volumes of the prism and the pyramid.

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. $2:3$
2. $3:1$
3. $1:3$
4. $3:2$

Solution :

The correct answer is **Option 2** i.e. $3:1$

Given that

A prism and a pyramid have the same base and the same height.

As we know that

The volume of a prism = The area of the base of the prism \times height of the prism

and

The volume of a pyramid = $\frac{1}{3} \times$ The area of the base of the pyramid \times height of the pyramid

Hence, the required ratio = $1/(1/3) = 3/1$

= 3: 1

Question 6 :

What is the volume of a cylinder if the radius of the cylinder is 10 cm and height is 20 cm? (Take $\pi = 3.14$)

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. 6280 cm³
2. 5306 cm³
3. 6260 cm³
4. 5280 cm³

Solution :

The correct answer is **Option 1** i.e. 6280 cm³

Formula used

The volume of a cylinder = $\pi r^2 h$

= $3.14 \times 100 \times 20$

= 6280 cm³

Question 7 :

A goods train 350 m long passes through a tunnel of length 1250 m in 80 seconds. What is the speed of the train?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 64 km/h
2. 56 km/h
3. 78 km/h
4. 72 km/h

Solution :

The correct answer is **Option 4** i.e. 72 km/h



As we know that

Speed = Distance/Time

$$\begin{aligned}\text{Speed} &= [(1250 + 350)/80] \times 18/5 \text{ km/h} \\ &= 72 \text{ km/h}\end{aligned}$$

Question 8 :

If the four-digit number 463y is divisible by 7, then what is the value of y?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. 4
2. 6
3. 4
4. 5

Solution :

The correct answer is **Option 1** i.e. **4**

Given that

If the four-digit number 463y is divisible by 7

Divisibility rule of 7

The difference between twice the unit digit of the given number and the remaining part of the given number should be a multiple of 7 or it should be equal to 0.

$$463 - 2y \text{ is a multiple of } 7$$

$$y = 4 \text{ satisfies the equation the number is divided by } 7$$

Hence, $y = 4$ is a required answer

Question 9 :

PQRS is a cyclic quadrilateral. If P is three times of R and S is four times of Q, then the sum of S + R will be:

Difficulty : Moderate

Average Time : 56 Seconds

Options :



169°

2. 171°

3. 187°

4. 189°

Solution :

The correct answer is **Option 4** i.e. **189°**

Given that

PQRS is a cyclic quadrilateral. If P is three times of R and S is four times of Q,

As we know that

$$P + R = 180^\circ$$

$$3R + R = 180^\circ$$

$$R = 45^\circ$$

$$Q + S = 180^\circ$$

$$Q + 4Q = 180^\circ$$

$$5Q = 180^\circ$$

$$Q = 36^\circ$$

$$S = 4 \times 36 = 144^\circ$$

As we know

$$S + R = 144^\circ + 45^\circ = 189^\circ$$

Question 10 :

Working for 10 hours per day, 6 men can build a wall in a certain number of days. By working for how many hours/minutes per day can 12 men build the wall in the same days?

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. 4 hours 30 minutes

2. 5 hours



20 hours

4. 10 hours

Solution :

The correct answer is **Option 2** i.e. **5 hours**

Let 12 men build the same wall in d hours/day

According to the question

$$6 \text{ men} \times 10 \text{ hours} = 12 \text{ men} \times d \text{ hours}$$

$$d = 6 \times 10 / 12 = 5 \text{ hours}$$

Question 11 :

What is the mode of the given data? 5, 7, 9, 7, 3, 7, 5, 7, 8, 6, 7

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. 7

2. 6

3. 5

4. 3

Solution :

The correct answer is **Option 1** i.e. **7**

Given that

5, 7, 9, 7, 3, 7, 5, 7, 8, 6, 7

Mode is the most repeated value i.e. 7

Hence, mode = 7

Question 12 :

Which of the following numbers is divisible by 11?

Difficulty : Moderate

Average Time : 35 Seconds

Options :



5214341

2. 5648741

3. 6598321

4. 2378965

Solution :

The correct answer is **Option1** i.e. **5214341**

As we know that

The given number can only be completely divided by 11 if the difference between the sum of digits at an odd position and the sum of digits at an even position in a number is 0 or 11.

First, we take

Option 1

5214341

$$= (5 + 1 + 3 + 1) - (2 + 4 + 4)$$

$$= 0$$

Hence, the number 5214341 is divisible by 11

Question 13 :

It is given that $\hat{\angle}ABC = \hat{\angle}PQR$, $AB = 5$ cm, $B = 40^\circ$, and $A = 80^\circ$. Which of the following options is true?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. $PQ = 5$ cm and $R = 60^\circ$

2. $QR = 5$ cm and $R = 60^\circ$

3. $QR = 5$ cm and $Q = 60^\circ$

4. $PQ = 5$ cm and $P = 60^\circ$

Solution :

The correct answer is **Option 1** i.e. **$PQ = 5$ cm and $R = 60^\circ$**

Given that



It is given that $\triangle ABC \cong \triangle PQR$, $AB = 5$ cm, $B = 40^\circ$, and $A = 80^\circ$

then

$$AB = PQ = 5\text{cm}$$

$$B = Q = 40^\circ$$

$$A = P = 80^\circ$$

We know that

$$P + Q + R = 180^\circ$$

$$P = 180 - 40 - 80 = 60^\circ$$

Question 14 :

How many kilogram of rice costing Rs.60 per kg must be mixed with 24 kg of rice costing Rs.42 per kg so that there may be a gain of 12% by selling the mixture at Rs.56 per kg?

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 22 kg
2. 20 kg
3. 19.2 kg
4. 21.2 kg

Solution :

The correct answer is **Option 3** i.e. **19.2 kg**

Given that

The rice costing Rs.60 per kg must be mixed with 24 kg of rice costing Rs.42 per kg.

There may be a gain of 12% by selling the mixture at Rs.56 per kg

$$\text{CP of the mixture} = 56 \times \frac{25}{28} = 50 \text{ Rs per kg}$$

Let x kg rice costing Rs 60 per kg

According to the question

$$60x + 42 \times 24 = 50 \times (x + 24)$$



$$10x = 8 \times 24$$

$$x = 19.2 \text{ kg}$$

Question 15 :

At a clearance sale, a shopkeeper gives 45% discount. If a customer paid ₹1,330 during the sale, then what is the marked price of that shirt ?

Difficulty : Moderate**Average Time : 57 Seconds****Options :**

1. ₹1,550
2. ₹1,600
3. ₹1,500
4. ₹1,650

Solution :

The correct answer is **Option 2** i.e. ₹1,600

As we know that

$$SP = [(100 - D)/100] \times MP$$

Given that

A shopkeeper gives a 45% discount and If a customer pays ₹1,330 during the sale

$$\text{then } SP = 330 \text{ Rs}$$

$$\text{Discount } D = 45\%$$

$$MP = 330 / [(100 - 45)/100]$$

$$MP = 330 \times 100 / 55 = 3000 / 5 = 600 \text{ Rs}$$

Question 16 :

If 20% of (A + B) = 30% of (A - B), then what percentage of B is equal to A?

Difficulty : Moderate**Average Time : 46 Seconds****Options :**

1. 400%



300%

3. 500%

4. 100%

Solution :

The correct answer is **Option 3** i.e. **500%**

Given that

If 20% of (A + B) = 30% of (A - B)

$(20/100) * (A + B) = (30/100) * (A - B)$

$(A + B)/5 = 3(A - B)/10$

$2A + 2B = 3A - 3B$

$A = 5B$

Hence, B is 500% of A

Question 17 :

Find the coordinates of the points where the graph $57x - 19y = 399$ cuts the coordinate axes.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. x-axis at(-7,0) and y-axis at (0,-21)
2. x-axis at(-7,0) and y-axis at (0,21)
3. x-axis at (7,0) and y-axis at (0,-21)
4. axis at (7,0) and y-axis at (0,21)

Solution :

The correct answer is **Option 3** i.e. **x-axis at (7,0) and y-axis at (0,-21)**

Given that

Graph $57x - 19y = 399$ cuts the coordinate axes.

At X axis $y = 0$ put it in this equation

$57x = 399$



$$x = 7$$

and At Y-axis put $x = 0$ in that equation

$$-19y = 399$$

$$y = -21$$

Hence, the x-axis at $(7,0)$ and the y-axis at $(0,-21)$

Question 18 :

Rajnish borrowed ₹11,500 from a bank and repaid the entire amount with interest in two equal annual instalments, the first instalment being paid a year after Rajnish borrowed from the bank. If the rate of interest was 40% per annum, compounded annually, then what was the value (in ₹) of each instalment paid by Rajnish?

Difficulty : Moderate**Average Time : 69 Seconds****Options :**

1. 1125
2. 1470
3. 1225
4. 1350

Solution :

The correct answer is **Option 3** i.e. **1225**

Given that

Rajnish borrowed ₹11,500 from a bank and repaid the entire amount with interest in two equal annual installments

Let the each instalment = x Rs

As we know that

$$[x/(1 + \text{rate}/100)] + [x/(1 + \text{rate}/100)^2] = \text{Total borrowed} = 1500$$

$$[x/(1 + (40/100))] + [x/(1 + (40/100)^2)] = 1500$$

$$5x/7 + 25x/49 = 1500$$

$$60x/49 = 1500$$

$$x = 1225 \text{ Rs}$$



Hence, Each instalments = 1225 Rs

Question 19 :

A starts a business with ₹1,75,000 and B joins the business 5 months later with an investment of ₹1,80,000. After 1 year, they earn a profit of ₹14,08,800. Find the share of A and B (in ₹).

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 2,52,000 and 1,56,800
2. 2,50,000 and 1,58,800
3. 2,48,000 and 1,60,800
4. 2,49,500 and 1,59,300

Solution :

The correct answer is **Option 1** i.e. **2,52,000 and 1,56,800**

Given that

A starts a business with ₹1,75,000 and B joins the business 5 months later with an investment of ₹1,80,000

A invests for 1 year or 12 months and B invests for 7 months only.

Now, Ratio of the profit of A and B = $75000 \times 12 : 80000 \times 7$
= 45: 28

The share of A = $(45/73) \times 408800 = 45 \times 5600 = 252000$ Rs

The share of B = $(28/73) \times 408800 = 28 \times 5600 = 156800$ Rs

Question 20 :

If $x = 64 + 121 - 169$, then find the value of x^2 .

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. 16
2. 25
3. 36

49

Solution :The correct answer is **Option 3** i.e. **36**

$$\text{If } x = 64 + 121 - 169$$

$$x = 8 + 11 - 13$$

$$x = 8 - 2 = 6$$

Hence, the value of $x^2 = 36$ **Question 21 :**

If two LED TVs and one mobile phone cost ₹1,31,000, while two mobile phones and one LED TV cost ₹1,35,000, then the value of one mobile phone is:

Difficulty : Moderate**Average Time : 40 Seconds****Options :**

1. Rs. 13,500
2. Rs. 12,500
3. Rs. 13,000
4. Rs. 12,000

Solution :The correct answer is **Option 3** i.e. **Rs. 13,000**

According to the question

$$2 \text{ LED} + \text{Mobile} = 31000 \quad \dots\dots(1)$$

$$\text{LED} + 2 \text{ Mobile} = 35000 \quad \dots\dots(2)$$

Subtracting the [2 × Equation 2 and Equation 1]

$$4 \text{ Mobile} - \text{Mobile} = 35000 \times 2 - 31000$$

$$3 \text{ Mobile} = 70000 - 31000 = 39000$$

$$1 \text{ Mobile cost} = 39000/3 = 13000 \text{ Rs}$$

Question 22 :

P, Q and R can finish a work in 5 days, 10 days, and 15 days, respectively, working alone. P and Q work on the first day, P

and R work on second day and P and Q work on third day and son on till the work is completed. In how many days the work will be completed?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. $\frac{13}{2}$
2. $\frac{9}{2}$
3. $\frac{7}{2}$
4. $\frac{2}{5}$

Solution :

The correct answer is **Option 3** i.e. $\frac{7}{2}$

Given that

P, Q, and R can finish a work in 5 days, 10 days, and 15 days, respectively, working alone.

Total work = LCM of (5, 10, 15) = 30

The efficiencies of

$$P = 30/5 = 6$$

$$Q = 30/10 = 3$$

$$R = 30/15 = 2$$

Now, P and Q work on the first day, P and R work on the second day, and P and Q work on the third day.

According to the question

In 3 days total work done is $(6 + 3) + (6 + 2) + (6 + 3) = 26$ completed

then left $(30 - 26) = 4$ work in next = $4/8 = 1/2$ days

Hence, Total work complete in $(3 + 1/2)$ days = $7/2$ days

Question 23 :

In a trapezium ABCD, AB, and DC are parallel to each other with a perpendicular distance of 8 m between them. Also, $(AD) = (BC) = 10$ m, and $(AB) = 15$ m (DC) . What is the perimeter (in m) of the trapezium ABCD?

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. 50
2. 66
3. 62
4. 58

Solution :

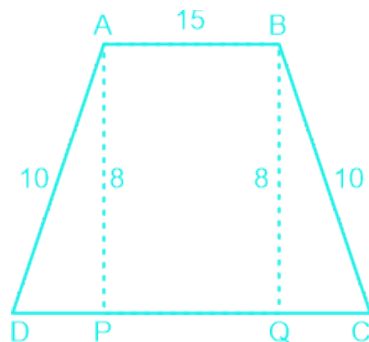
The correct answer is **Option 3** i.e. **62**

Given that

In a trapezium ABCD

(AD) = (BC) = 10 m, and (AB) = 15 m (DC)

and a perpendicular distance of 8 m between AB and CD



In right angled triangle APD, $DP = (10 - 6) = 4 = 6$ m

$DP = QC = 6$ m

Hence, the perimeter of the trapezium = $AB + BC + CD + DA = 15 + 10 + (6 + 15 + 6) + 10 = 62$ m

Question 24 :

If one of the interior angles of a regular polygon is $\frac{15}{16}$ times of one of the interior angles of a regular decagon, then find the number of diagonals of the polygon.

Difficulty : Moderate

Average Time : 59 Seconds

**Options :**

1. 20
2. 14
3. 2
4. 35

Solution :

The correct answer is **Option 1** i.e. **20**

Given that

If one of the interior angles of a regular polygon is $\left(\frac{15}{16}\right)$ times of one of the interior angles of a regular decagon

As we know that

The interior angle of a regular polygon = $(n - 2) \times 180/n$

where n is the side of the polygon

According to the question

$$(n - 2) \times 180/n = (15/16) \times (10 - 2) \times 180/10$$

$$(n - 2) \times 180/n = 135$$

$$(n - 2) \times 4 = 3n$$

$$n = 8$$

Now, as we know that the number of diagonal of the polygon = $n \times (n - 3)/2$

$$= 8 \times (8 - 3)/2 = 20$$

Question 25 :

If $a \cot \theta + b \operatorname{cosec} \theta = p$ and $b \cot \theta + a \operatorname{cosec} \theta = q$ then $p^2 - q^2$ is equal to_____.

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. $b^2 - a^2$
2. $a^2 - b^2$

$b - a$

4. $a^2 + b^2$

Solution :

The correct answer is Option 1 i.e. $b^2 - a^2$

Given that

$$\text{If } a \cot \theta + b \operatorname{cosec} \theta = p \dots\dots\dots(1)$$

$$\text{and } b \cot \theta + a \operatorname{cosec} \theta = q \dots\dots\dots(2)$$

Squaring both sides of the equation and subtracting them

$$(a \cot \theta + b \operatorname{cosec} \theta)^2 - (b \cot \theta + a \operatorname{cosec} \theta)^2 = p^2 - q^2$$

$$\text{then } p^2 - q^2 = a^2 \cot^2 \theta + b^2 \operatorname{cosec}^2 \theta + 2ab \cot \theta * \operatorname{cosec} \theta - b^2 \cot^2 \theta - a^2 \operatorname{cosec}^2 \theta - 2ab \cot \theta * \operatorname{cosec} \theta$$

$$p^2 - q^2 = (b^2 - a^2) (\cot^2 \theta + \operatorname{cosec}^2 \theta)$$

$$p^2 - q^2 = b^2 - a^2$$

Question 26 :

If $2x + 3y = 17$ and $2x + 2 - 3y + 1 = 5$, then:

Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. $x = 1, y = 3$
2. $x = 3, y = 3$
3. $x = 3, y = 2$
4. $x = 1, y = 2$

Solution :

The correct answer is **Option3** i.e. $x = 3, y = 2$

Given that

$$\text{If } 2^x + 3^y = 17$$

put $x = 3$ and $y = 2$

$$2^3 + 3^2 = 8 + 9 = 17 \text{ it satisfies the equation}$$





And the value = $2^{x+2} - 3^{y+1} = 2^{3+2} - 3^{2+1} = 32 - 27 = 5$

it also satisfies the given equation

Hence, we say $x = 3$ and $y = 2$

Question 27 :

A sum triple itself in 9 years at simple interest. Find the rate of interest per annum is.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. $\left(\frac{2}{9}\right)\%$
2. $\left(\frac{1}{3}\right)\%$
3. $\left(\frac{1}{9}\right)\%$
4. $\left(\frac{2}{9}\right)\%$

Solution :

The correct answer is **Option 4** i.e. $\left(\frac{2}{9}\right)\%$

Given that

A sum triple itself in 9 years at simple interest.

Amount = 3 × Principal amount

SI = Amount - Principal = 2P

As we know

SI = P × rate × time/100

2P = (P × rate × 9)/100

Rate = $\frac{200}{9} = \left(\frac{2}{9}\right)\%$

Question 28 :

$(\sin \theta + \operatorname{cosec} \theta)^2 + (\cos \theta + \sec \theta)^2 = ?$

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. $5 + \tan^2 \theta + \cot^2 \theta$
2. $7 + \tan^2 \theta - \cot^2 \theta$
3. $7 + \tan^2 \theta + \cot^2 \theta$
4. $5 + \tan^2 \theta - \cot^2 \theta$

Solution :

The correct answer is **Option 3** i.e. $7 + \tan^2 \theta + \cot^2 \theta$

$$(\sin \theta + \operatorname{cosec} \theta)^2 + (\cos \theta + \sec \theta)^2$$

$$= \sin^2 \theta + \operatorname{cosec}^2 \theta + 2 \sin \theta * \operatorname{cosec} \theta + \cos^2 \theta + \sec^2 \theta + 2 \cos \theta * \sec \theta$$

$$= \sin^2 \theta + \cos^2 \theta + 4 + \operatorname{cosec}^2 \theta + \sec^2 \theta$$

We add 2 and subtract 2 to make formulae

$$= 1 + 4 + 2 + \operatorname{cosec}^2 \theta - 1 + \sec^2 \theta - 1$$

$$= 7 + \tan^2 \theta + \cot^2 \theta$$

Question 29 :

The value of $\frac{(0.7 \times 0.7 \times 0.7 + 0.3 \times 0.3 \times 0.3)}{(0.7 \times 0.7 - 0.7 \times 0.3 + 0.3 \times 0.3)}$ is _____

Difficulty : Moderate**Average Time : 67 Seconds****Options :**

1. 2
2. 1
3. 3
4. -1

Solution :

The correct answer is **Option 2** i.e. 1

$$= \frac{(0.7 \times 0.7 \times 0.7 + 0.3 \times 0.3 \times 0.3)}{(0.7 \times 0.7 - 0.7 \times 0.3 + 0.3 \times 0.3)}$$

Formula used

$$a^3 + b^3 = (a^2 - ab + b^2)(a + b)$$

put $a = 0.7$ and $b = 0.3$

$$0.7 \times 0.7 \times 0.7 + 0.3 \times 0.3 \times 0.3 = (0.7 \times 0.7 - 0.7 \times 0.3 + 0.3 \times 0.3) (0.7 + 0.3)$$

$$(0.7 \times 0.7 \times 0.7 + 0.3 \times 0.3 \times 0.3) / (0.7 \times 0.7 - 0.7 \times 0.3 + 0.3 \times 0.3) = (0.7 + 0.3) = 1$$

Question 30 :

A person can hit a target 5 times out of 8 shots. If he fires 10 shots, what is the probability that he will hit the target twice?

Difficulty : Moderate**Average Time : 50 Seconds****Options :**

1. $(1135 \times 3^8) / (8^{10})$
2. $(1165 \times 3^8) / (8^{10})$
3. $(1175 \times 3^8) / (8^{10})$
4. $(1125 \times 3^8) / (8^{10})$

Solution :

The correct answer is **Option 4** i.e. $(1125 \times 3^8) / (8^{10})$

Given that

A person can hit a target 5 times out of 8 shots.

then the probability of hitting a target = $5/8$

and the probability of not to hit a target = $(8 - 5)/8 = 3/8$

If he fires 10 shots, then

The probability that he will hit the target twice = ${}^{10}C_2 \times (5/8)^2 \times (3/8)^{(10-2)}$

$$= {}^{10}C_2 \times (5/8)^2 \times (3/8)^8$$

$$= [10! / (2! \times 8!)] \times 25 \times 3^8 / 8^{10}$$

$$= [(10 \times 9) / 2] \times 25 \times 3^8 / 8^{10}$$

$$= 45 \times 25 \times 3^8 / 8^{10} = (1125 \times 3^8) / (8^{10})$$

Question 31 :

Select the correct homonym from the given options to fill in the blank. The athlete's _____ was badly injured due to a fall on the track.

Difficulty : Moderate**Average Time : 73 Seconds****Options :**

toad

2. toe

3. tow

4. to

Solution :

The correct answer is **option 2** i.e. **toe**.

- **Toad:** A toad is an amphibian similar to a frog.
- **Toe:** A toe is one of the five parts at the end of the foot. In the sentence, it refers to the athlete's toe being injured, which is the correct choice.
- **Tow:** To tow means to pull something behind with a rope or chain.
- **To:** "To" is a preposition and can have various meanings, such as expressing motion in a specific direction or forming infinitive verbs.

Therefore, **toe** is the correct answer.

Question 32 :

Select the option that expresses the given sentence in direct speech. Harry said that he would not be in town on Friday.

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. Harry saying, "I will not be in town on Friday".
2. Harry said, "I will not be in town on Friday".
3. Harry said, "I can't be in town on Friday".
4. Harry said, "I must not be in town on Friday".

Solution :

The correct answer is **option 2** i.e. **Harry said, "I will not be in town on Friday"**.

- The reported statement is "he would not be in town on Friday." To change this into direct speech, we use quotation marks to enclose the reported statement.
- The tense is adjusted to "will" to represent the exact words that Harry would use if speaking directly.

Hence, the correct answer would be **option 2**.

**Question 33 :**

Select the option that expresses the given sentence in active voice. The story of his uncle's mysterious disappearance was first heard by Rajat in his childhood.

Difficulty : Moderate**Average Time : 70 Seconds****Options :**

1. The story uncle heard first time was about Rajat's mysterious disappearance in his childhood.
2. Rajat first heard the story of his uncle's mysterious disappearance in his childhood.
3. The story Rajat first heard in his childhood was about his uncle's mysterious disappearance.
4. Rajat's first story that uncle heard in his childhood was about his mysterious disappearance.

Solution :

The correct answer is **option 2** i.e. **Rajat first heard the story of his uncle's mysterious disappearance in his childhood..**

- The subject is "The story," and the object is "Rajat."
- To change this to active voice, we move "Rajat" to the beginning.
- In active voice, Rajat is the subject performing the action of hearing the story.

Question 34 :

Select the most appropriate ANTONYM of the underlined word. The audience sneered at the monologue uttered by the veteran actor.

Difficulty : Moderate**Average Time : 67 Seconds****Options :**

1. Waved
2. Lauded
3. Unleashed
4. Ascribed

Solution :

The correct answer is **option 2** i.e. **Lauded**

- **Sneered** implies a negative or mocking response, while **lauded** means to praise or applaud, which is the opposite of sneering.
1. **Waved:** To "wave" means to move one's hand back and forth to say hello, goodbye, or get someone's attention.
 2. **Lauded:** "Lauded" means to praise or applaud someone or something publicly.
 3. **Unleashed:** To "unleash" means to release or set free.
 4. **Ascribed:** "Ascribed" means to attribute something to a particular cause or source.

Hence, **Lauded** is the right choice.

Question 35 :

Select the most appropriate option to fill in the blank. Nowadays, online shopping is easier _____ shopping in a market.

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. like
2. than
3. then
4. as

Solution :

The correct answer is **option 2** i.e. **than**

1. **Like** is a preposition that is used to show similarity or to compare. However, in this context, "like" is not the correct choice because it doesn't form a clear comparison.
2. **Then** is an adverb used to indicate time or order of events.
3. **Than** is a conjunction used to introduce a comparison between two elements. In this context, "than" is the correct choice as it clearly indicates that online shopping is being compared to shopping in a market.
4. **As** is a conjunction that can be used to compare actions, but in this sentence, "than" is more appropriate for making the comparison between the two types of shopping.

**Question 36 :**

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A) The Sustainable Development Goals (SDGs) were adopted by all United Nations Member States in 2015 to end poverty, reduce inequality and build more peaceful, prosperous societies by 2030. B) The SDGs cannot be achieved without the realisation of child rights. C) Also known as the Global Goals, the SDGs are a call to action to create a world where no one is left behind. D) As world leaders work to deliver on the 2030 promise, children around the globe are standing up to secure their right to good health, quality education, a clean planet and more.

Difficulty : Moderate**Average Time : 99 Seconds****Options :**

1. ABDC
2. ADCB
3. ACBD
4. ADBC

Solution :

The correct answer is **option 3** i.e. **ACBD**

- Sentence A introduces the topic, mentioning the adoption of the SDGs and their purpose by 2030.
- Sentence C provides additional information about the SDGs, referring to them as the Global Goals and emphasizing their aim to create an inclusive world.
- Sentence B builds on this by highlighting the critical role of child rights in achieving the SDGs.
- Sentence D connects all the previous statements by explaining how children worldwide are actively working to secure their rights in the context of the SDGs.

Hence, the correct order is **ACBD**.

Question 37 :

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. P. The prices of cooking gas, pulses and vegetables have registered a sharp rise. Q. In recent years the prices of essential commodities have gone up sharply. R. The low-income groups and the salaried classes are the worst sufferers. S. Living has become quite a costly affair these days.

Difficulty : Moderate**Average Time : 76 Seconds****Options :**

1. RPSQ



QSRP

3. SRQP

4. PQRS

Solution :

The correct answer is **option 3** i.e. **SRQP**

- The first sentence is always independent and introduces the topic.
- The second sentence provides more information, followed by the third, and then the fourth sentence.
- The paragraph talks about how the prices of everyday items have gone up, making life more expensive. It's hitting low-income people the hardest.

Hence, the correct sequence would be **SRQP**.

Question 38 :

Select the most appropriate meaning of the highlighted idiom. The employee took the manager's remark with a pinch of salt.

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Going for the truth
2. Distasteful and boring
3. Doubt the truth or value of something
4. Ever ready to condemn someone

Solution :

The correct answer is **option 3** i.e. **Doubt the truth or value of something**

- The highlighted idiom "**took with a pinch of salt**" means to be skeptical or not completely believe something. In this context, the employee didn't fully trust or believe the manager's remark.

Question 39 :

Identify the INCORRECTLY spelt word in the given sentence. If she had begun earlier, she might have succeeded in finishing the extremely intricate project before the deadline.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

deadline

2. intricate

3. succeeded

4. earlier

Solution :

The correct answer is **option 3** i.e. **succeeded**.

- The correct spelling is "**succeeded**."

Question 40 :

The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Everybody stared / when me / entered the / drawing room.

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. when me
2. Everybody stared
3. drawing room
4. entered the

Solution :

The correct answer is **option 1** i.e. **when me**

- The correct segment would be "**when I**."
- So, the corrected sentence is: "**Everybody stared when I entered the drawing room.**"

Question 41 :

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. I was almost drowned a dozen times; was nearly boiled alive and just missed being cremated. B. Now, my well-being is simply the result of a careful and measured mode of living and perhaps the most astonishing thing is that three times in my youth I was rendered by illness a hopeless physical wreck and given up by physicians. C. More than this, through ignorance, and light-heartedness, I got into all sorts of difficulties, dangers and scrapes from which I extricated myself as by enchantment. D. But as I recall these incidents to my mind I feel convinced that my preservation was not altogether accidental.



Difficulty : Moderate

Average Time : 76 Seconds

Options :

1. CADB
2. BADC
3. BCAD
4. DCAB

Solution :

The correct answer is **option 3** i.e. **BCAD**.

- The paragraph begins by introducing the issue discussed.
- The next sentence provides more context about the author's past experiences.
- Then followed by sentence A, and then the final sentence D.

Question 42 :

Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Bloomberg Businessweek is not more popular than some other business magazines in the US.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. No substitution required
2. the most popular than
3. as more popular than
4. so popular than

Solution :

The correct answer is **No substitution required** i.e. **option 1**.

- The sentence suggests that there are other business magazines in the US that have an equal or higher level of popularity among readers.
- The other options do not fit the context, and are not grammatically correct.

Question 43 :



Select the option that can be used as a one-word substitute for the given group of words. The one who loves mankind

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Pessimist
2. Misogynist
3. Optimist
4. Philanthropist

Solution :

The correct answer is **option 4** i.e. **Philanthropist**.

- **Pessimist:** A pessimist is someone who usually sees the negative side of things and expects bad outcomes in different situations.
- **Misogynist:** A misogynist is someone who strongly dislikes or has a prejudice against women.
- **Optimist:** An optimist is someone who looks on the bright side of life and expects good results.
- **Philanthropist:** A philanthropist is someone who cares about the well-being of people and helps others.

Hence, the correct answer would be **Philanthropist**.

Question 44 :

Select the most appropriate meaning of the underlined word in a sentence. Even though James won the election, he has not brought any of his campaign promises to fruition.

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. concealment
2. nourishment
3. disappointment
4. accomplishment

Solution :

The correct answer is **accomplishment** i.e. option 4.

Fruition refers to the point at which a plan, project, or goal is achieved and comes to full completion.

1. **Concealment** refers to the act of hiding something.
2. **Nourishment** refers to the process of providing food, or the essential elements necessary for the growth, health, and well-being of living organisms.
3. **Disappointment** is the feeling of sadness and frustration.
4. **Accomplishment signifies the successful achievement or completion of a task, goal, or objective.**

Hence, the correct answer would be **Accomplishment**.

Question 45 :

Select the most appropriate option to fill in the blank. The committee will _____ a survey on the government schemes.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. **conduct**
2. **fight**
3. **hold**
4. **originate**

Solution :

The correct answer is **conduct** i.e. option 1.

- The word "**conduct**" means to carry out or perform a research, or investigation.
- In the sentence, the committee is tasked with performing a survey on government schemes, so "conduct" conveys the idea of organizing and executing the survey.
- The other options, such as "fight," "hold," and "originate," do not convey the appropriate meaning in this context.

Hence, the correct answer should be "**conduct**."

Question 46 :

Select the option that can be used as a one-word substitute for the given group of words. An arched structure in a garden having climbing plants

Difficulty : Moderate

Average Time : 58 Seconds

Options :

Shelter

2. Pergola

3. Path

4. Shed

Solution :

The correct answer is **option 2** i.e. **Pergola**.

- A pergola is a garden structure with an open frame that offers shade and looks nice. It's often covered in climbing plants.

Question 47 :

Select the most appropriate option to fill in the blank. The security guard needs a _____ of shoes.

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. pare
2. pear
3. payor
4. pair

Solution :

The correct answer is **pair** i.e. option 4.

- "**Pair**" is a noun that refers to two items or things that are matched or go together.
 - The other options, "**pare**," "**pear**," and "**payor**," do not fit the context of the sentence.
1. "**Pare**" is a verb that means to trim or reduce the outer part or excess material from something.
 2. "**Pear**" is a noun and refers to a type of fruit.
 3. "**Payor**" is a term used in finance to describe the person who makes a payment.
 4. "**Pair**" is a noun that refers to two items or things that are matched or go together, often in a complementary way. In the context of the sentence, it indicates that the security guard needs two shoes, which is the correct word choice.

Question 48 :

Select the option that expresses the given sentence in active voice. A new invention has been made by him.



Difficulty : Moderate

Average Time : 79 Seconds

Options :

1. He was making a new invention.
2. He has made a new invention.
3. He had been making a new invention.
4. He were making a new invention.

Solution :

The correct answer is **He has made a new invention.** i.e. option 2.

- To change the sentence to active voice, we move "him" to the subject position and "a new invention" to the object position, resulting in "He has made a new invention."

Question 49 :

Select the most appropriate ANTONYM of the underlined word. Aunt May thought that Uncle Ken's job as a manager at Firpo's hotel in Shimla was a stable one.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Lucrative
2. Permanent
3. Durable
4. Mutable

Solution :

The correct answer is **Mutable** i.e. option 4.

- "**Stable**" refers to something that is steady and not likely to change.
- Therefore, "**mutable**," which means something is subject to change or is not stable, is the antonym that best fits here.
- "**Lucrative**" means profitable, "**permanent**" means lasting indefinitely, and "**durable**" means able to withstand wear and tear, none of which directly oppose the idea of stability.

Question 50 :

Sentences of a paragraph are given in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. Instead, they are constrictors, meaning they squeeze their prey to death before swallowing it



whole. B. Agile on water but awkward on land, the green anaconda is one of the largest snakes in the world. C. Most people assume that anacondas are very poisonous, but they are actually non venomous. D. At 29 feet long and 550 pounds, these snakes are huge!

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. BACD
2. BDCA
3. BCAD
4. DABC

Solution :

The correct answer is **BDCA** i.e. option 2.

- The first sentence is independent and introduces the topic.
- The second sentence provides more information about the topic being discussed, followed by the third sentence, and then the final sentence.
- The sentence B gives a description of the green anaconda, the next sentence D continues to provide information about the snake, followed by C and then A.

Hence, the correct order would be **BDCA**.

Question 51 :

The following sentence has been split into four segments. Identify the segment that contains a grammatical error. Daniel sat on / his new bike / and went afar / a ride.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. a ride
2. his new bike
3. and went afar
4. Daniel sat on

Solution :

The correct answer is **and went afar** i.e. option 3.



The correct sentence should be: **"Daniel sat on his new bike and went for a ride."**

Question 52 :

Select the most appropriate option to fill in the blank. When the victim narrated his version of the incident, the jury was _____ .

Difficulty : Moderate**Average Time : 42 Seconds****Options :**

1. honestly satisfied
2. perfectly satisfied
3. completely satisfied
4. excruciatingly satisfied

Solution :

The correct answer is **completely satisfied** i.e. **option 3**.

- The sentence would be: **"When the victim narrated his version of the incident, the jury was completely satisfied."**
- The other options, **"honestly satisfied," "perfectly satisfied,"** and **"excruciatingly satisfied,"** do not convey the appropriate sense of satisfaction in this context.

Question 53 :

Select the option that expresses the given sentence in indirect speech. She said impatiently, "I don't need any help."

Difficulty : Moderate**Average Time : 53 Seconds****Options :**

1. She said impatiently that I don't need any help.
2. She said impatiently that she didn't need any help.
3. She said impatiently she don't need any help.
4. She said impatiently that she doesn't need any help.

Solution :



The correct answer is **She said impatiently that she didn't need any help.** i.e. **option 2.**

- "I" is changed to "she."
- The tense of the reported speech is changed. In the given sentence, "don't" is changed to "didn't" to shift from the present tense to the past tense.

Question 54 :

Select the option that expresses the given sentence in direct speech. The mother said that the kids were playing.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. The mother said, "The kids have been playing".
2. The mother has said, "The kids were playing".
3. The mother told, "The kids had been playing".
4. The mother said, "The kids are playing".

Solution :

The correct answer is **The mother said, "The kids are playing"**. i.e. option 4.

- Take the reported statement in indirect speech and convert it back to its original direct form, enclosing it in quotation marks.
- Introduce the direct statement using a reporting verb such as "said" or "asked."
- If the reporting verb is in the past tense in the indirect speech, maintain it in the past tense in the direct speech as well.

Question 55 :

Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. S1. In Dr. Babasaheb Ambedkar A. but also an elder statesman and national leader B. we have not only a crusader against the caste system, C. a valiant fighter for the cause of the downtrodden in India D. whose contribution in the form of the Constitution of India S6. will be cherished forever by posterity.

Difficulty : Moderate

Average Time : 85 Seconds

Options :

1. DABC
2. CABD

BACD

4. ABCD

Solution :

The correct answer is **BACD** i.e. **option 3**.

- The sequence introduces Dr. Babasaheb Ambedkar as a versatile figure, highlighting his roles and contributions effectively, and emphasizes the lasting impact of his work.

Question 56 :

Select the most appropriate meaning of the given idiom. Water under the bridge

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. Past events that are not important anymore
2. Difficult situations in one's life
3. Promises that are made to someone and never fulfilled
4. A seasoned crop with a heavy demand

Solution :

The correct answer is **Past events that are not important anymore** i.e. **option 1**.

- The idiom "**water under the bridge**" means that something is in the past and can't be changed, so it's not worth worrying about or discussing any longer.

Question 57 :

Select the option that expresses the given sentence in passive voice. The courier boy did not deliver the parcel.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. The parcel did not deliver by the courier boy.
2. The parcel had not been delivered by the courier boy.
3. The parcel had not delivered by the courier boy.
4. The parcel was not delivered by the courier boy.

Solution :



The correct answer is **The parcel was not delivered by the courier boy.** i.e. **option 4.**

- Move the object to the subject position in the passive voice sentence.
- Use the appropriate form of the verb depending on the tense of the original sentence.
- Add the past participle form of the main verb.
- Include the original subject (doer of the action) in a "by" phrase after the main verb.

Question 58 :

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. No country has yet achieved the combination of very high human development with a light ecological footprint and the impacts of climate change and biodiversity loss are growing. B. Compounded by a climate emergency, political polarization and challenged multilateralism, continued conflicts, and forced displacement, the number of people living in poverty rose in 2020 for the first time since 1998 by an estimated 119-124 million and inequalities are growing, and the traditional social contract is no longer working for many. C. The challenge of reaching Agenda 2030 was already significant, even before the COVID-19 pandemic hit. D. Today's development challenges are dynamic, interconnected puzzles of multidimensional risk that require systemic solutions and multilateral cooperation is vital in addressing these shared challenges that cross boundaries of geography and time.

Difficulty : Moderate

Average Time : 99 Seconds

Options :

1. DBAC
2. ABDC
3. BCDA
4. CBDA

Solution :

The correct answer is **CBDA** i.e. option 4.

- The first sentence introduces the topic, and is always independent.
- The second sentence provides more information about the topic, followed by the third sentence, and then the final sentence.
- With the sequence CBDA, the paragraph flows logically from an introduction to the challenges of Agenda 2030, elaboration on those challenges, the need for global cooperation, and a concluding summary of the ongoing issues.

Question 59 :

Identify the **INCORRECTLY** spelt word in the given sentence. The board reviewing the courses offered by the affiliated college found that the quality of academic programs was usually good but somewhat irregular.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. irregular
2. academic
3. review
4. affiliated

Solution :

The correct answer is **affiliated** i.e. option 4.

- The correct spelling is "**affiliated.**"

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no existence of life.

Question 60 :

Select the most appropriate option to fill in blank number 1.

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. huge
2. typical
3. a
4. the

Solution :

The correct answer is **the** i.e. **option 4**.

- "**The**" is the most appropriate option here because it specifies "the" Sun, making it clear that we are talking about our specific star at the center of the solar system.

The other options do not fit the context.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no existence of life.

Question 61 :

Select the most appropriate option to fill in blank number 2.

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. scenes
2. processes
3. cultures
4. types

Solution :

The correct answer is **cultures** i.e. **option 3**.

- The word "cultures" is the most appropriate option for filling in blank number 2 because it accurately describes the diverse beliefs and practices related to the Sun.
- The other options, "scenes," "processes," and "types," do not adequately convey the intended meaning in this context.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no existence of life.

Question 62 :



Select the most appropriate option to fill in blank number 3.

Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. control
2. gesture
3. source
4. symbol

Solution :

The correct answer is **source** i.e. option 3.

- In the context of the passage, this word accurately conveys the idea that the Sun is the primary supplier and origin of energy for life on Earth.
- The other options, "control," "gesture," and "symbol," do not fit the context and intended meaning.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no existence of life.

Question 63 :

Select the most appropriate option to fill in blank number 4.

Difficulty : Moderate

Average Time : 84 Seconds

Options :

1. like
2. as
3. than



about

Solution :

The correct answer is **as** i.e. **option 2**.

- Using "than" in this context shows a comparison between the width of the Sun and the Earth, indicating that the Sun is approximately a hundred times wider than the Earth.
- The other options do not correctly convey the comparison.

Comprehension :

Read the following passage and answer the questions given after it. Notwithstanding logistical challenges posed by COVID19 pandemic, India continues to expand its rice exports footprint in the African, Asian and European Union markets, thus having the largest share in global rice trade. The robust global demand also helped India's growth in rice exports. In 2020-21, India's rice exports (Basmati and Non-Basmati) rose by a huge 87 per cent to 17.72 Million Tonne (MT) from 9.49 MT achieved in 2019-20. In terms of value realisation, India's rice exports rose by 38 per cent to USD 8815 million in 2020-21 from USD 6397 million reported in 2019-20. In terms of Rupees, India's rice export grew by 44 per cent to Rs 65298 crore in 2020-21 from Rs 45379 crore in the previous year. In the first seven months of the current financial year (2021-22), India's rice exports rose by more than 33 per cent to 11.79 MT from 8.91 MT achieved during April-October, 2020-21. It is anticipated that India's rice exports in 2021-22 would likely surpass the record feet of 17.72 MT achieved in 2020-21. In 2020-21, India shipped non-basmati rice to nine countries - Timor-Leste, Puerto Rico, Brazil, Papua New Guinea, Zimbabwe, Burundi, Eswatini, Myanmar and Nicaragua, where exports were carried out for the first time or earlier the shipment was smaller in volume. India's Non-Basmati rice exports was valued at USD 4796 million (Rs 35448crore) in 2020- 21, with Basmati Rice exports a close second at USD 4018 million (Rs 29,849 crore). In terms of volume of Basmati rice exports in 2020-21, top ten countries – Saudi Arabia, Iran, Iraq, Yemen, United Arab Emirates, United States of America, Kuwait, United Kingdom, Qatar and Oman have a share of close to 80 per cent in total shipments of aromatic long grained rice from India. Top ten countries – Nepal, Benin, Bangladesh, Senegal, Togo, Cote D Ivoire, Guinea, Malaysia, Iraq, United Arab Emirates – have a share of 57 per cent in India's total exports of non-Basmati rice in 2020-21 in terms of volume.

Question 64 :

What is the estimate of rice export in the year 2021-22?

Difficulty : Moderate

Average Time : 142 Seconds

Options :

1. It will remain the same as the 17.72 MT rice export achieved in 2020-21.

It may fall below the 17.72 MT rice export achieved in 2020-21.

3. It will exceed the 17.72 MT rice export achieved in 2020-21.

4. It will not pass beyond the 17.72 MT rice export achieved in 2020-21.

Solution :

The correct answer is **It will exceed the 17.72 MT rice export achieved in 2020-21. i.e. option 3.**

- The passage mentions that in the first seven months of the current financial year (2021-22), India's rice exports had already risen by more than 33 percent to 11.79 MT, and it is anticipated that India's rice exports in 2021-22 would likely surpass the record of 17.72 MT achieved in 2020-21.

Comprehension :

Read the following passage and answer the questions given after it. Notwithstanding logistical challenges posed by COVID19 pandemic, India continues to expand its rice exports footprint in the African, Asian and European Union markets, thus having the largest share in global rice trade. The robust global demand also helped India's growth in rice exports. In 2020-21, India's rice exports (Basmati and Non-Basmati) rose by a huge 87 per cent to 17.72 Million Tonne (MT) from 9.49 MT achieved in 2019-20. In terms of value realisation, India's rice exports rose by 38 per cent to USD 8815 million in 2020-21 from USD 6397 million reported in 2019-20. In terms of Rupees, India's rice export grew by 44 per cent to Rs 65298 crore in 2020-21 from Rs 45379 crore in the previous year. In the first seven months of the current financial year (2021-22), India's rice exports rose by more than 33 per cent to 11.79 MT from 8.91 MT achieved during April-October, 2020-21. It is anticipated that India's rice exports in 2021-22 would likely surpass the record feet of 17.72 MT achieved in 2020-21. In 2020-21, India shipped non-basmati rice to nine countries - Timor-Leste, Puerto Rico, Brazil, Papua New Guinea, Zimbabwe, Burundi, Eswatini, Myanmar and Nicaragua, where exports were carried out for the first time or earlier the shipment was smaller in volume. India's Non-Basmati rice exports was valued at USD 4796 million (Rs 35448crore) in 2020- 21, with Basmati Rice exports a close second at USD 4018 million (Rs 29,849 crore). In terms of volume of Basmati rice exports in 2020-21, top ten countries – Saudi Arabia, Iran, Iraq, Yemen, United Arab Emirates, United States of America, Kuwait, United Kingdom, Qatar and Oman have a share of close to 80 per cent in total shipments of aromatic long grained rice from India. Top ten countries – Nepal, Benin, Bangladesh, Senegal, Togo, Cote D Ivoire, Guinea, Malaysia, Iraq, United Arab Emirates – have a share of 57 per cent in India's total exports of non-Basmati rice in 2020-21 in terms of volume.

Question 65 :

Which of the following questions cannot be answered on the basis of the above passage?

Difficulty : Moderate

Average Time : 156 Seconds

Options :

1. How much Basmati rice was exported by India in 2020-21?

How much rice (Basmati and Non Basmati) was exported by India in 2020-21?

3. Which top 10 countries buy Non -Basmati rice from India?
4. What was the value of Basmati rice export from India?

Solution :

The correct answer is **How much Basmati rice was exported by India in 2020-21?** i.e. **option 1.**

- The question "**How much Basmati rice was exported by India in 2020-21?**" cannot be directly answered based on the provided passage.

Comprehension :

Read the following passage and answer the questions given after it. Notwithstanding logistical challenges posed by COVID19 pandemic, India continues to expand its rice exports footprint in the African, Asian and European Union markets, thus having the largest share in global rice trade. The robust global demand also helped India's growth in rice exports. In 2020-21, India's rice exports (Basmati and Non-Basmati) rose by a huge 87 per cent to 17.72 Million Tonne (MT) from 9.49 MT achieved in 2019-20. In terms of value realisation, India's rice exports rose by 38 per cent to USD 8815 million in 2020-21 from USD 6397 million reported in 2019-20. In terms of Rupees, India's rice export grew by 44 per cent to Rs 65298 crore in 2020-21 from Rs 45379 crore in the previous year. In the first seven months of the current financial year (2021-22), India's rice exports rose by more than 33 per cent to 11.79 MT from 8.91 MT achieved during April-October, 2020-21. It is anticipated that India's rice exports in 2021-22 would likely surpass the record feet of 17.72 MT achieved in 2020-21. In 2020-21, India shipped non-basmati rice to nine countries - Timor-Leste, Puerto Rico, Brazil, Papua New Guinea, Zimbabwe, Burundi, Eswatini, Myanmar and Nicaragua, where exports were carried out for the first time or earlier the shipment was smaller in volume. India's Non-Basmati rice exports was valued at USD 4796 million (Rs 35448crore) in 2020- 21, with Basmati Rice exports a close second at USD 4018 million (Rs 29,849 crore). In terms of volume of Basmati rice exports in 2020-21, top ten countries – Saudi Arabia, Iran, Iraq, Yemen, United Arab Emirates, United States of America, Kuwait, United Kingdom, Qatar and Oman have a share of close to 80 per cent in total shipments of aromatic long grained rice from India. Top ten countries – Nepal, Benin, Bangladesh, Senegal, Togo, Cote D Ivoire, Guinea, Malaysia, Iraq, United Arab Emirates – have a share of 57 per cent in India's total exports of non-Basmati rice in 2020-21 in terms of volume.

Question 66 :

Which of the following countries imported rice from India for the first time?

Difficulty : Moderate

Average Time : 148 Seconds

Options :

1. Iraq
2. Bangladesh



Brazil

4. United Arab Emirates

Solution :

The correct answer is **Brazil** i.e. **option 3**.

- It is mentioned in the passage that **Brazil** is one of the countries that imported rice from India for the first time.

Comprehension :

Read the following passage and answer the questions given after it. Notwithstanding logistical challenges posed by COVID19 pandemic, India continues to expand its rice exports footprint in the African, Asian and European Union markets, thus having the largest share in global rice trade. The robust global demand also helped India's growth in rice exports. In 2020-21, India's rice exports (Basmati and Non-Basmati) rose by a huge 87 per cent to 17.72 Million Tonne (MT) from 9.49 MT achieved in 2019-20. In terms of value realisation, India's rice exports rose by 38 per cent to USD 8815 million in 2020-21 from USD 6397 million reported in 2019-20. In terms of Rupees, India's rice export grew by 44 per cent to Rs 65298 crore in 2020-21 from Rs 45379 crore in the previous year. In the first seven months of the current financial year (2021-22), India's rice exports rose by more than 33 per cent to 11.79 MT from 8.91 MT achieved during April-October, 2020-21. It is anticipated that India's rice exports in 2021-22 would likely surpass the record feet of 17.72 MT achieved in 2020-21. In 2020-21, India shipped non-basmati rice to nine countries - Timor-Leste, Puerto Rico, Brazil, Papua New Guinea, Zimbabwe, Burundi, Eswatini, Myanmar and Nicaragua, where exports were carried out for the first time or earlier the shipment was smaller in volume. India's Non-Basmati rice exports was valued at USD 4796 million (Rs 35448crore) in 2020- 21, with Basmati Rice exports a close second at USD 4018 million (Rs 29,849 crore). In terms of volume of Basmati rice exports in 2020-21, top ten countries – Saudi Arabia, Iran, Iraq, Yemen, United Arab Emirates, United States of America, Kuwait, United Kingdom, Qatar and Oman have a share of close to 80 per cent in total shipments of aromatic long grained rice from India. Top ten countries – Nepal, Benin, Bangladesh, Senegal, Togo, Cote D Ivoire, Guinea, Malaysia, Iraq, United Arab Emirates – have a share of 57 per cent in India's total exports of non-Basmati rice in 2020-21 in terms of volume.

Question 67 :

Which of the following countries imports Basmati rice from India?

Difficulty : Moderate

Average Time : 135 Seconds

Options :

1. Malaysia
2. Nepal
3. Bangladesh



Kuwait

Solution :

The correct answer is **Kuwait** i.e. option 4.

- It is mentioned in the passage that Kuwait is one of the countries that import Basmati Rice from India.

Comprehension :

Read the given passage and answer the questions that follow. As the Sun inches closer to its peak activity in its solar cycle, an explosion has been picked up behind the north-eastern limb of the star in our solar system. Solar observatories saw bits and pieces of the explosion, which remain obscured in view from Earth's orbit. The explosion was spotted on 31 July at around 2309 UT and Earth-orbiting satellites registered a long-lasting C9.3-class solar flare. "The intensity is probably an underestimate because it was partially eclipsed by the edge of the sun. Nasa's Solar Dynamics Observatory (SDO) saw hot debris flying away from the blast site," space weather, which tracks the solar activity, reported. While the explosion was powerful, experts have predicted that Earth is not in the line of fire from the Sun. Scientists are expected to get a view of the active region later this week as it comes to sight. Earth is not in the line of fire. The explosion is significant because it may herald an active region set to emerge over the sun's north-eastern limb later this week. A new sunspot group could bring an end to weeks of relative quiet," space weather said in its report.

Question 68 :

Select the most appropriate synonym of the given word from the passage. Partially

Difficulty : Moderate

Average Time : 97 Seconds

Options :

1. Supportively
2. Partly
3. Frankly
4. Completely

Solution :

The correct answer is **Partly** i.e. option 2.

- "**Partially**" means to a limited extent or in part.
- "**Partly**" is a synonym that conveys the same meaning. It indicates that something is not entirely complete but has been done to some extent.

Comprehension :

Read the given passage and answer the questions that follow. As the Sun inches closer to its peak activity in its solar cycle, an explosion has been picked up behind the north-eastern limb of the star in our solar system. Solar observatories

saw bits and pieces of the explosion, which remain obscured in view from Earth's orbit. The explosion was spotted on 31 July at around 2309 UT and Earth-orbiting satellites registered a long-lasting C9.3-class solar flare. "The intensity is probably an underestimate because it was partially eclipsed by the edge of the sun. Nasa's Solar Dynamics Observatory (SDO) saw hot debris flying away from the blast site," space weather, which tracks the solar activity, reported. While the explosion was powerful, experts have predicted that Earth is not in the line of fire from the Sun. Scientists are expected to get a view of the active region later this week as it comes to sight. Earth is not in the line of fire. The explosion is significant because it may herald an active region set to emerge over the sun's north-eastern limb later this week. A new sunspot group could bring an end to weeks of relative quiet," space weather said in its report.

Question 69 :

Select the most appropriate synonym of the given word from the passage. Debris

Difficulty : Moderate

Average Time : 103 Seconds

Options :

1. Detritus
2. Rays
3. Specks
4. Liquid

Solution :

The correct answer is **Detritus** i.e.option 1.

- "**Debris**" refers to scattered pieces of waste or remains of something broken or destroyed.
- "**Detritus**" is a synonym that means the same thing. It's a term used to describe discarded material.

Comprehension :

Read the given passage and answer the questions that follow. As the Sun inches closer to its peak activity in its solar cycle, an explosion has been picked up behind the north-eastern limb of the star in our solar system. Solar observatories saw bits and pieces of the explosion, which remain obscured in view from Earth's orbit. The explosion was spotted on 31 July at around 2309 UT and Earth-orbiting satellites registered a long-lasting C9.3-class solar flare. "The intensity is probably an underestimate because it was partially eclipsed by the edge of the sun. Nasa's Solar Dynamics Observatory (SDO) saw hot debris flying away from the blast site," space weather, which tracks the solar activity, reported. While the explosion was powerful, experts have predicted that Earth is not in the line of fire from the Sun. Scientists are expected to get a view of the active region later this week as it comes to sight. Earth is not in the line of fire. The explosion is significant because it may herald an active region set to emerge over the sun's north-eastern limb later this week. A new sunspot group could bring an end to weeks of relative quiet," space weather said in its report.

Question 70 :

Select the most appropriate synonym of the given word from the passage. Spotted

Difficulty : Moderate

Average Time : 103 Seconds

Options :

1. Witnessed
2. Speckled
3. Splotchy
4. Placed

Solution :

The correct answer is **Witnessed** i.e. **option 1**.

- "Witnessed" means that you observed or saw something and that you were present when it happened.
- "Spotted" means to see or notice something. It can refer to observing something.

Comprehension :

Read the given passage and answer the questions that follow. As the Sun inches closer to its peak activity in its solar cycle, an explosion has been picked up behind the north-eastern limb of the star in our solar system. Solar observatories saw bits and pieces of the explosion, which remain obscured in view from Earth's orbit. The explosion was spotted on 31 July at around 2309 UT and Earth-orbiting satellites registered a long-lasting C9.3-class solar flare. "The intensity is probably an underestimate because it was partially eclipsed by the edge of the sun. Nasa's Solar Dynamics Observatory (SDO) saw hot debris flying away from the blast site," space weather, which tracks the solar activity, reported. While the explosion was powerful, experts have predicted that Earth is not in the line of fire from the Sun. Scientists are expected to get a view of the active region later this week as it comes to sight. Earth is not in the line of fire. The explosion is significant because it may herald an active region set to emerge over the sun's north-eastern limb later this week. A new sunspot group could bring an end to weeks of relative quiet," space weather said in its report.

Question 71 :

Select the most appropriate synonym of the given word from the passage. Peak

Difficulty : Moderate

Average Time : 103 Seconds

Options :

1. Glance
2. Point
3. Bottom

Zenith

Solution :

The correct answer is **Zenith** i.e. **option 4**.

- A "peak" refers to the highest point or summit of something, and "zenith" is a synonym for the highest point of success or achievement.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 72 :

How many foreign rescue workers are engaged in the rescue work?

Difficulty : Moderate

Average Time : 150 Seconds

Options :

1. 2400 rescue workers
2. 110,000 rescue workers



5000 rescue workers

4. 6500 rescue workers

Solution :

The correct answer is **6500 rescue workers** i.e. **option 4**.

- It is mentioned in the passage that there were nearly 6500 rescuers.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 73 :

Match the words with their meaning. Words meanings a. clamoured 1. checked b. scrambled 2. screamed c. hampered 3. jostled

Difficulty : Moderate

Average Time : 149 Seconds

Options :

1. a-2, b-3, c-1



a-2, b-1, c-3

3. a -3, b -1, c-2

4. a-1, b- 3, c-2

Solution :

The correct answer is **a-2, b-3, c-1** i.e. **option 1**.

- "Clamoured" means to make a loud and noisy demand or protest.
- "Scrambled" can have multiple meanings, but in the context provided, it means to move quickly and with difficulty, in a disordered or chaotic manner.
- "Hampered" means to hinder or restrict the progress and movement of something.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 74 :

The passage highlights all the following except

Difficulty : Moderate

Average Time : 161 Seconds

Options :

1. Syria's rebel-held areas and the Civil war going on there
2. the foreign aid being offered to Turkey and Syria
3. the suffering of people in the earthquake hit areas of Turkey and Syria
4. the rescue work being carried out in Turkey and Syria

Solution :

The correct answer is **Syria's rebel-held areas and the Civil war going on there** i.e. option 1.

- The passage talks about people suffering in places hit by earthquakes, the rescue efforts in Turkey and Syria, and the problems in areas controlled by rebels in Syria because of the ongoing war.
- It mentions about the foreign aid being given.
- However, it doesn't go into detail about Syria's rebel-held areas and the Civil war going on there.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

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**Question 75 :**

Why is the International aid much lesser in Syria than in Turkey?

Difficulty : Moderate

Average Time : 173 Seconds

Options :

1. Because Syria is a war –torn country and there are areas under rebels.
2. Because the destruction was not as severe in Syria as in Turkey.
3. Because the UN is allowed only one border crossing and Syria is not allowing that.
4. Because the roads have been damaged there

Solution :

The correct answer is **Because Syria is a war –torn country and there are areas under rebels.** i.e. option 1.

- The passage says that in Syria, there's a war going on, and some areas are controlled by rebel groups. This makes it harder for outside help to get to and work in Syria.
- In contrast, Turkey faces different problems after the earthquake, but it's easier to get aid there.

Question 76 :

Match the columns. Nutrients

ii. Cholesterol Fat

Examples Protein

iii. Glucose Minerals

i. Calcium, Phosphorous Carbohydrates

iv. Myosin

Difficulty : Moderate

Average Time : 81 Seconds

Options :

1. a-i, b-iii, c-ii, d-iv
2. a-iii, b-iv, c-i, d-i
3. a-i, b-i, c-iii, d-iv
4. a-iv, b-iii, c-ii, d-i

Solution :

The correct answer is **a-iv, b-iii, c-ii, d-i** i.e.

- Here's the matching of the columns:
- Protein - iv. Myosin
- Carbohydrates - iii. Glucose
- Fat - ii. Cholesterol
- Minerals - i. Calcium, Phosphorus



These matches relate various nutrients to their respective examples:

- Protein, like myosin, is a type of macronutrient important for muscle and tissue development.
- Carbohydrates, such as glucose, are a primary source of energy.
- Fat, like cholesterol, is a type of lipid found in the body.
- Minerals, including calcium and phosphorus, are essential micronutrients for various bodily functions

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 77 :

In India, who appoints the Advocate General of a State?

Difficulty : Moderate

Average Time : 171 Seconds

Options :

1. Governor of the State
2. Prime Minister of India
3. President of India



Chief Minister of the State

Solution :

The correct answer is option 1 i.e. **Governor of the State**

- In India, the Advocate General of a State is appointed by the Governor of the respective state.
- The Advocate General is the chief legal officer of the state government and is responsible for providing legal advice and representing the state government in legal matters.
- The Advocate General holds a constitutional position and is an important legal advisor to the state government.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 78 :

When did the Constitution of WHO come into force - a date which we now celebrate as World Health Day every year?

Difficulty : Moderate

Average Time : 166 Seconds

Options :

1. 5 April 1948



7 April 1948

3. 6 April 1948

4. 8 April 1948

Solution :

The correct answer is **7 April 1948** i.e.

- The Constitution of the World Health Organization (WHO) came into force on April 7, 1948.
- This date is celebrated as World Health Day every year. World Health Day is a global health awareness day that provides an opportunity to draw worldwide attention to a subject of major importance to global health.
- Each year, WHO selects a specific theme for World Health Day to highlight important health issues and promote awareness and action to improve global health.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 79 :

India was named 'Bharat' after the name of the Bharat tribe. In which of the following Vedas is this tribe first mentioned?



Difficulty : Moderate

Average Time : 166 Seconds

Options :

1. Rigveda
2. Samaveda
3. Atharvaveda
4. Yajurveda

Solution :

The correct answer is **Rigveda** i.e.

- It is the period in the late Bronze age and early Iron Age of the History of India when the Vedas were composed in the northern Indian subcontinent.
- The associated culture was referred to as Vedic Civilization.
- The entire Earth was called the Bharatvarsha but in particular, the area that lied south to the Himalayan Mountain was called the Bharatvarsha.
- The Bharatvarsha was also known as Aryavarta meaning the land of Aryans.
- Aryavarta and Bharat are mentioned in Vedas, many scriptures, and Mahabharata.
- Bharatas were the Vedic tribe mentioned in Rigveda.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles,



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Question 80 :

What do you call the drugs that bind to the receptor site and inhibit its natural function?

Difficulty : Moderate**Average Time : 170 Seconds****Options :**

1. Antidepressants
2. Agonist
3. Antagonists
4. Depressants

Solution :

The correct answer is **Antagonists** i.e.

- The drugs that bind to a receptor site and inhibit its natural function are commonly referred to as "antagonists." Antagonist drugs work by blocking or reducing the activity of a receptor in the body, thus inhibiting the response that would typically occur when the receptor is activated by its natural ligand (a substance that binds to the receptor and triggers a response)
- These drugs are often used in medicine to counteract the effects of certain substances or to treat conditions where overactivity of a receptor needs to be controlled or blocked.
- The opposite of antagonists are "agonist" drugs, which bind to receptors and stimulate their natural function

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border

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Question 81 :

Which of the following statements is/are CORRECT with respect to Draft Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021, proposed in 2022? A. Online games will have to register with a self-regulatory body, and only games cleared by the body will be allowed to legally operate in India. B. Online gaming companies will not be allowed to engage in betting on the outcome of games, the proposed rules say. C. According to the rules, there could be more than one self-regulatory body.

Difficulty : Moderate

Average Time : 194 Seconds

Options :

1. A and B only
2. A, B and C
3. B and C only
4. A and C only

Solution :

The correct answer is **A, B and C** i.e.

- A. Correct: The proposed rules did include provisions related to online games and self-regulatory bodies. Online gaming platforms were expected to register with a self-regulatory body, and only those games cleared by the body would be allowed to operate legally in India.
- B. Correct: The proposed rules also indicated that online gaming companies would not be allowed to engage in betting on the outcome of games.
- C. Correct: The rules did suggest that there could be more than one self-regulatory body

Comprehension :



Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 82 :

When was the None of the Above (NOTA) ballot option first implemented in India?

Difficulty : Moderate

Average Time : 168 Seconds

Options :

1. 2015
2. 2004
3. 2013
4. 2010

Solution :

The correct answer is **2013** i.e.

- The "None of the Above" (NOTA) ballot option was first implemented in India during the 2014 Indian general elections. NOTA allows voters to express their choice of not supporting any of the candidates contesting in their



constituency.

- It provides voters with the option to reject all candidates if they are not satisfied with any of the choices presented to them.
- This gives voters a way to register their dissatisfaction with the candidates while participating in the electoral process. NOTA was introduced as a result of a Supreme Court directive in 2013.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 83 :

Which of the following is/are one of the United Nations Sustainable Development Goals? (A) Zero Hunger (B) Climate Action (C) Life Below Water (D) Quality Education

Difficulty : Moderate

Average Time : 171 Seconds

Options :

1. A, B, C and D
2. A and B

B and C

4. A, C and D

Solution :

The correct answer is **A, B, C and D** i.e.

- All of the options (A) Zero Hunger, (B) Climate Action, (C) Life Below Water, and (D) Quality Education are United Nations Sustainable Development Goals (SDGs).
- These are part of the 17 global goals established by the United Nations to address various social, economic, and environmental challenges to create a more sustainable and equitable world.
- Each of these goals addresses specific issues, with the aim of improving living conditions and preserving the planet for current and future generations.

Question 84 :

Match the columns. Column-A

Column-B i. Electric current

a. Henry ii. Potential difference

b. Farad iii. Capacitance

c. Volt iv. Inductance

d. Ampere

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. i-a, ii-b, iii-c, iv-d
2. i-b, ii-a, iii-c, iv-d
3. i-d, ii-c, iii-b, iv-a
4. i-a, ii-c, iii-b, iv-d

Solution :

The correct answer is **i-d, ii-c, iii-b, iv-a** i.e.

- Here's the matching of the columns:
- i. Electric current - d. Ampere
- ii. Potential difference - c. Volt
- iii. Capacitance - b. Farad
- iv. Inductance - a. Henry
- In electrical terms:
- Electric current is measured in Amperes (A).
- Potential difference is measured in Volts (V).
- Capacitance is measured in Farads (F).
- Inductance is measured in Henrys (H).

**Comprehension :**

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 85 :

The Supreme Court of India rejected the plea of _____ to quash the summons issued by the Delhi Legislative Assembly's Committee on Peace and Harmony for inquiry related to the Delhi riots in February 2020.

Difficulty : Moderate**Average Time : 172 Seconds****Options :**

1. Instagram
2. Snapchat
3. Facebook
4. Twitter

Solution :

The correct answer is **Facebook** i.e.



The Supreme Court of India upheld the summons issued by the Delhi Legislative Assembly's Committee on Peace and Harmony for an inquiry related to the Delhi riots in February 2020. The court mentioned that Delhi cannot afford another riot and highlighted the need to investigate the role of Facebook in the context of these events.

- This decision reaffirms the importance of parliamentary inquiries in addressing issues related to public order and peace and emphasizes the role of social media platforms in shaping public opinion and potential repercussions during sensitive times. It is an essential step in ensuring accountability and understanding the factors contributing to significant events like riots
- Delhi Can Ill-Afford Another Riots; Role Of Facebook Must Be Looked Into': Supreme Court Upholds Delhi Assembly Summons

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 86 :

Which crops are benefitted from the temperate cyclones arising from the Mediterranean Sea that cause rainfall in Punjab?

Difficulty : Moderate

Average Time : 178 Seconds

Options :

Page No: 64

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Rabi crops

2. Zaid crops

3. Cash crops

4. Kharif crops

Solution :

The correct answer is **Rabi crops** i.e.

- Temperate cyclones arising from the Mediterranean Sea that cause rainfall in the northwestern region of India, including Punjab, benefit a variety of crops. These cyclones, often referred to as western disturbances, bring moisture-laden air and can be particularly beneficial for the Rabi (winter) crops in the region. Some of the crops that benefit from the rainfall associated with these cyclones include:
- Wheat: Wheat is one of the primary Rabi crops in Punjab, and the rainfall from these cyclones contributes to its growth.
- Barley: Barley is another important Rabi crop in the region that benefits from the moisture brought by these cyclones.
- Mustard: Mustard is an oilseed crop that is cultivated during the Rabi season and benefits from the additional moisture.
- Pulses: Various pulses, such as lentils and chickpeas, are also sown during the Rabi season and benefit from the rainfall.
- Fodder crops: The rainfall helps in the growth of fodder crops, which are essential for livestock.
- These cyclones play a crucial role in supplementing the water resources for agriculture in the region and contribute to the success of Rabi crops in Punjab and surrounding areas

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured.

Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 87 :

The population of India is _____ according to Census 2011.

Difficulty : Moderate**Average Time : 194 Seconds****Options :**

1. 1.4 billion
2. 1.21 billion
3. 1.5 billion
4. 1.11 billion

Solution :

The correct answer is **1.21 billion** i.e.

- According to the 2011 Census of India, the population of India was approximately 1.21 billion.
- Please note that this data is based on the 2011 Census, and more recent population figures may have changed due to natural population growth and other factors.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on



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Question 88 :

Which of the following statements are correct regarding the Supreme Court judgement on validity of 103rd Constitutional Amendment Act? A. The Supreme Court of India's Constitutional Bench for this case consisted of 5 judges. B. The Constitutional Bench upholds the 10% of EWS reservation with 3-2 majority. C. As per the Supreme Court judgement, the 103rd Constitutional Amendment is valid although it is violating the Basic Structure of the Indian Constitution.

Difficulty : Moderate

Average Time : 170 Seconds

Options :

1. A, B and C
2. A and C only
3. B and C only
4. A and B only

Solution :

The correct answer is **A and B only** i.e.

- The Constitutional Bench upholds the 10% of EWS reservation with 3-2 majority.
- As per the Supreme Court judgment, the 103rd Constitutional Amendment is valid although it is violating the Basic Structure of the Indian Constitution.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary

accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 89 :

Who found an empirical relationship between the half-life of alpha decay and the energy of the emitted alpha particles in 1911?

Difficulty : Moderate**Average Time : 158 Seconds****Options :**

1. Fermi and Meitner
2. Geiger and Nuttall
3. Chadwick and Lawrence
4. Soddy and Aston

Solution :

The correct answer is **Geiger and Nuttall** i.e.

- Already in 1911, Geiger and Nuttall developed the first empirical formula for determining the alpha decay half-lives.
- In 1928, the first useful theoretical model of the alpha decay as a pure quantum tunneling effect was published by Gamow, Condon and Gurney.
- Geiger's law: It is the semi-empirical law that expresses the lifetime of the half-life of the alpha emitter in terms of the energy of the released alpha particle.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in

a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 90 :

Nutritional care during illness is an organised group of activities which consists of all of the following, EXCEPT:

Difficulty : Moderate

Average Time : 165 Seconds

Options :

1. assessing psychological stress
2. assessing nutritional status
3. planning and prioritising nutrition intervention(s) to meet nutritional needs
4. diagnosis of nutritional problems

Solution :

The correct answer is **assessing psychological stress** i.e.

- Nutritional care during illness typically involves assessing nutritional status, planning and prioritizing nutrition interventions, and diagnosing nutritional problems.
- However, it usually does not include assessing psychological stress as part of its core activities.



Assessing psychological stress may be essential for overall patient care, but it is not considered a standard component of nutritional care during illness.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 91 :

Which of the following Articles mentions about a Uniform Civil Code throughout the territory of India?

Difficulty : Moderate

Average Time : 166 Seconds

Options :

1. Article 44
2. Article 39
3. Article 40



Article 50

Solution :

The correct answer is **Article 44** i.e.

- Article 44 of the Indian Constitution mentions the directive principle related to a Uniform Civil Code throughout the territory of India. It states:
- "Article 44: Uniform civil code for the citizens.—The State shall endeavour to secure for the citizens a uniform civil code throughout the territory of India."
- This article encourages the state to work towards implementing a common civil code for all citizens, irrespective of their religion. However, it is important to note that the implementation of a Uniform Civil Code is a complex and sensitive issue in India and has not been fully realized to date

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 92 :

Identify the correct statement.

Difficulty : Moderate

Average Time : 167 Seconds

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**Options :**

1. Newton is a unit of force.
2. Newton is a unit of power.
3. Joule is a unit of force.
4. Joule is a unit of power.

Solution :

The correct answer is **Newton is a unit of force.** i.e.

- Newton's laws of motion, formulated by Sir Isaac Newton in the 17th century, revolutionized our understanding of how objects move.
- The first law states that an object at rest tends to stay at rest, and an object in motion continues in motion unless acted upon by an external force.
- The second law relates force, mass, and acceleration, indicating that force equals mass times acceleration ($F=ma$).
- The third law asserts that every action has an equal and opposite reaction. These laws are foundational in physics, forming the basis for mechanics and explaining the behavior of everything from falling apples to planetary orbits.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and

the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 93 :

Which of the following statements is/are correct regarding Government of India's New Integrated Food Security Scheme?

A. This New Integrated Food Security Scheme has been started from 1 January 2023. B. The Government of India targeted to supply food grains to more than 80 crores beneficiaries under the National Food Security Act. C. First time this food grains supply programme was brought under the Ministry of Social Justice for effective implementation.

Difficulty : Moderate**Average Time : 194 Seconds****Options :**

1. B and C only
2. A and C only
3. A, B and C
4. A and B only

Solution :

The correct answer is **A and B only** i.e.

- New scheme has been named as Pradhan Mantri Garib Kalyan Ann Yojana (PMGKAY). Implementation of the new scheme has started from 1st January 2023, benefitting more than 80 crore poor and poorest of poor people.
- The statement "The Government of India targeted to supply food grains to more than 80 crores beneficiaries under the National Food Security Act" is broadly accurate. The National Food Security Act, 2013, aimed to provide subsidized food grains to a significant portion of India's population. The exact number of beneficiaries and the implementation details may vary by state and union territory, but the act's objective is to provide food security to a large number of people, including those living below the poverty line. The specific number of beneficiaries may have evolved over time, so it's advisable to check with official government sources for the most up-to-date figures and details regarding the National Food Security Act.
- Schemes such as the Mid-Day Meal Scheme (MDMS), the Public Distribution System (PDS), and the Integrated Child Development Services (ICDS) are included under the Act. The Act is being implemented by all the States and the Union Territories.
- So, A and B are correct statement

Question 94 :

Match the columns. Slash and burn agriculture Associated State (A) Dahiya (I) Jharkhand (B) Kuruwa (II) Odisha (C) Bringa (III) Andhra Pradesh (D) Penda (IV) Madhya Pradesh

Difficulty : Moderate**Average Time : 101 Seconds****Options :**

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A-IV, B-II, C-I, D-III

2. A-IV, B-III, C-I, D-II

3. A-IV, B-I, C-II, D-III

4. A-III, B-I, C-II, D-IV

Solution :

The correct answer is **A-IV, B-I, C-II, D-III** i.e.

- Here's the matching of the columns:
- (A) Dahiya - (IV) Madhya Pradesh
- (B) Kuruwa - (III) Andhra Pradesh
- (C) Bringa - (II) Odisha
- (D) Penda - (I) Jharkhand
- These matches connect various regions with the practice of slash and burn agriculture, also known as shifting cultivation or swidden agriculture, which is common in different parts of India.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 95 :

The intervention of the government whether to expand demand or reduce it constitutes the _____.

Difficulty : Moderate**Average Time : 164 Seconds****Options :**

1. speculative function
2. redistribution function
3. stabilisation function
4. transaction function

Solution :

The correct answer is **stabilisation function** i.e.

- The intervention of the government, whether to expand demand or reduce it, constitutes the "stabilization function."
- This function of government involves using fiscal and monetary policies to manage economic fluctuations and stabilize the overall economy.
- It includes actions to stimulate economic growth during periods of recession or to control inflation during periods of economic expansion.
- The aim is to maintain economic stability and prevent extreme fluctuations in demand and economic activity.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management

agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 96 :

Who had assumed the title of Balban?

Difficulty : Moderate

Average Time : 163 Seconds

Options :

1. Kabir Khan
2. Farid Khan
3. Ulugh Khan
4. Ayaz Khan

Solution :

The correct answer is **Ulugh Khan** i.e.

- After the demise of Ghiyasuddin Tughlaq in an accident in 1325 AD, his eldest son, Ulugh Khan or Jauna Khan, ascended the throne.
- He assumed the title of Mohammad-bin-Tughlaq.
- He ruled from 1325-1351 AD.
- He stood for the administrative and political unity of India.
- In 1327 AD he captured Warangal.
- He shifted the capital from Delhi to Devagiri.
- He introduced the copper currency system.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border

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Question 97 :

In 1845, which German chemist published a method for the synthesis of acetic acid, a natural product containing two carbon atoms?

Difficulty : Moderate**Average Time : 166 Seconds****Options :**

1. Friedrich Wohler
2. Marcellin Berthelot
3. Joseph Gay-Lussac
4. Hermann Kolbe

Solution :

The correct answer is **Hermann Kolbe** i.e.

- In 1845, the German chemist Hermann Kolbe published a method for the synthesis of acetic acid. This was a significant achievement as acetic acid is a natural product containing two carbon atoms.
- Kolbe's work on the synthesis of acetic acid was a notable contribution to the field of organic chemistry, demonstrating that organic compounds could be synthesized from inorganic materials.
- His research had a profound impact on the understanding of organic chemical reactions and the development of organic synthesis methods.

Comprehension :

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023.

Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 98 :

Assume that exchange rate between the US Dollar and Indian Rupee is $\$1 = \text{â},155$. Now if this exchange rate increases to $\$1 = \text{â},160$, then in this case the Indian Rupee has _____ in comparison to the US dollar.

Difficulty : Moderate

Average Time : 171 Seconds

Options :

1. depreciated
2. appreciated
3. Demonetised
4. overvalued

Solution :

The correct answer is **depreciated** i.e.

- Earlier, Rs. 55 was paid to get \$1. Now, Rs. 60 are paid to get that same \$1.
- It clearly means that the value of Indian currency has depreciated as for the same \$1 now more amount of money has to be paid, and the value of US dollar have appreciated as for now US is getting more Indian rupes for same \$1.
- Hence, option 1 is correct.

**Comprehension :**

Read the following passage and answer the questions given after it. Tens of thousands of people who lost their homes in a catastrophic earthquake huddled around campfires in the bitter cold and clamoured for food and water on Thursday, three days after the temblor hit Turkey and Syria and killed more than 19,300 on Monday, 6th February, 2023. Emergency crews used pick axes, shovels and jackhammers to dig through twisted metal and concrete - and occasionally still pulled out survivors. In the Turkish city of Antakya, dozens scrambled for aid in front of a truck distributing children's coats and other supplies. Many of those who lost their homes found shelter in tents, stadiums and other temporary accommodation, but others slept outdoors. In Antakya, over 100 bodies were awaiting identification in a makeshift morgue outside a hospital. Authorities called off search-and-rescue operations in the cities of Kilis and Sanliurfa, where destruction was not as severe as in other impacted regions. The U.N. is authorised to deliver aid through only one border crossing, and road damage has prevented that thus far. U.N. Officials pleaded for humanitarian concerns to take precedence over wartime politics. The scale of loss and suffering remained massive. Turkish authorities said on Thursday that the death toll had risen to more than 16,100 in the country, with more than 64,000 injured. In Syria, which includes government-held and rebel-held areas, more than 3,100 have been reported dead and more than 5,000 injured. Rescue teams urged quiet in the hope of hearing stifled pleas for help, and the Syrian paramedic group known as the White Helmets noted that every second could mean saving a life. But more and more often, the teams pulled out dead bodies. It was not clear how many people were still unaccounted for in both countries. Turkey's disaster-management agency said more than 110,000 rescue personnel were now taking part in the effort and more than 5,500 vehicles, including tractors, cranes, bulldozers and excavators had been shipped. The Foreign Ministry said 95 countries have offered help. More than half of that number have sent a total of nearly 6,500 rescuers. Another 2,400 more are still expected to arrive. International aid for Syria was far more sparse. Efforts there have been hampered by the civil war and the isolation of the rebel-held region along the border that is surrounded by Russia-backed government forces.

Question 99 :

Consider the following statements about the main reasons for the excessive cold in north India during the cold weather season and identify which of the statements are correct. 1.States like Punjab, Haryana and Rajasthan, being far away from the moderating influence of sea, experience continental climate. 2.The snowfall in the nearby Himalayan ranges creates a cold wave situation. 3.Around February, the cold winds coming from the Caspian Sea and Turkmenistan bring a cold wave along with frost and fog over the northwestern parts of India.

Difficulty : Moderate**Average Time : 180 Seconds****Options :**

1. 1 and 2 only
2. 2 and 3 only
3. 1, 2 and 3
4. 1 and 3 only

**Solution :**

The correct answer is **1, 2 and 3** i.e.

- All of the provided statements are generally correct in explaining the main reasons for the excessive cold in North India during the cold weather season:
- States like Punjab, Haryana, and Rajasthan, being far away from the moderating influence of the sea, experience a continental climate. The absence of a nearby sea limits the warming effect, resulting in colder temperatures during winter.
- The snowfall in the nearby Himalayan ranges can contribute to the cold wave situation in the plains of North India. When it snows in the Himalayas, it can lead to colder conditions in the surrounding areas.
- Around February, the cold winds coming from regions like the Caspian Sea and Turkmenistan can bring a cold wave along with frost and fog over the northwestern parts of India. These cold winds can significantly lower temperatures and create chilly conditions.

Question 100 :

In which year, the Koya rebellion took place in the eastern Godavari tract?

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 1882-1883
2. 1874-1875
3. 1879-1880
4. 1887-1888

Solution :

The correct answer is **1879-1880** i.e.

- In 1879- 1880 there occurred the Koya rebellion in the eastern Godavari tract of presentday Andhra Pradesh which also affected some portions of the Malkangiri region of Koraput dismct in Orissa.
- It was led by Tomma Dora, the Koya leader.

Question 101 :

A_____is a networking device that filters network traffic while connecting multiple computers or communicating devices.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. router

gateway

3. switch

4. repeater

Solution :

The correct answer is **switch** i.e.

- A network switch is a device that operates at the Data Link layer of the OSI model—Layer 2.
- It takes in packets being sent by devices that are connected to its physical ports and sends them out again, but only through the ports that lead to the devices the packets are intended to reach. They can also operate at the network layer--Layer 3 where routing occurs.
- Switches are a common component of networks based on Ethernet, Fibre Channel, Asynchronous Transfer Mode (ATM), and InfiniBand, among others. In general, though, most switches today use ethernet.

Question 102 :

Which of the following is not a LibreOffice Software Suite program?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. LibreOffice Writer
2. LibreOffice Excel
3. LibreOffice Calc
4. LibreOffice Impress

Solution :

The correct answer is **LibreOffice Excel** i.e.

- LibreOffice Excel" is not a program in the LibreOffice Software Suite. LibreOffice is a free and open-source office suite, and its components are as follows:
- LibreOffice Writer: A word processing program, similar to Microsoft Word.
- LibreOffice Calc: A spreadsheet program, similar to Microsoft Excel.
- LibreOffice Impress: A presentation program, similar to Microsoft PowerPoint.
- While LibreOffice includes its counterparts to Microsoft Office programs, the spreadsheet program in LibreOffice is called "Calc," not "Excel." "Excel" is the name of the spreadsheet program in Microsoft Office.

Question 103 :

Which among the following is not a magnetic storage?



Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Winchester disk
2. Floppy Drive
3. Memory Card
4. Magnetic Tape

Solution :

The correct answer is **Memory Card** i.e.

- A "Memory Card" is not a magnetic storage medium. Memory cards, including SD cards, microSD cards, and CompactFlash cards, are solid-state storage devices that use flash memory for data storage.
- They do not rely on magnetic technology for data recording, unlike the other options listed.
- The rest of the options mentioned—Winchester disk, floppy drive, and magnetic tape—are examples of magnetic storage media that use magnetic patterns to record and retrieve data.

Question 104 :

Which among the following type of computer is also known as notebook?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Micro Computer
2. Multi Core
3. Work Station
4. Laptop Computer

Solution :

The correct answer is **Laptop Computer** i.e.

- The type of computer that is also known as a "notebook" is a "Laptop Computer." Laptop computers are portable, compact devices designed for personal and business use.
- They are often called "notebooks" because of their small, portable form factor, which allows users to carry them like a notebook or notepad.
- Laptop computers are suitable for a wide range of tasks and are ideal for users who need a computer while on the go.

**Question 105 :**

_____ is the bit-rate of available or consumed information capacity expressed typically in metric multiples of bits per second.

Difficulty : Moderate**Average Time : 56 Seconds****Options :**

1. Frequency
2. Protocol
3. Speed
4. Bandwidth

Solution :

The correct answer is **Bandwidth** i.e.

- The term you're looking for is "Bandwidth."
- Bandwidth refers to the bit-rate of available or consumed information capacity, usually expressed in metric multiples of bits per second (e.g., megabits per second or gigabits per second).
- It's a measure of the data transmission capacity of a communication channel, network, or data connection, indicating how much data can be transferred over a given period of time. Higher bandwidth generally allows for faster data transfer and better network performance.

Question 106 :

_____ holds address of the active memory location.

Difficulty : Moderate**Average Time : 52 Seconds****Options :**

1. Stack pointer
2. Program Counter
3. Memory Address Register
4. Instruction Register

Solution :

The correct answer is **Memory Address Register** i.e.

- The term you're looking for is "Memory Address Register (MAR)."
- The Memory Address Register is a component in a computer's central processing unit (CPU) that holds the address



of the memory location currently being accessed or referenced.

- It is a crucial part of the CPU's memory management, allowing the CPU to interact with and retrieve data from specific memory locations.

Question 107 :

Which of the following shortcut key is used to select all cells of the current row in MS-Excel 2010 worksheet?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Shift+Page down
2. Ctrl+Spacebar
3. Shift+Page up
4. Shift+Spacebar

Solution :

The correct answer is **Shift+Spacebar** i.e.

- In MS-Excel 2010, the shortcut key used to select all cells of the current row in a worksheet is "Shift+Spacebar."
- This keyboard combination allows you to quickly select the entire row that contains the active cell.

Question 108 :

_____ records everything you type on your PC in order to obtain your log-in name, passwords and other sensitive information.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Virus
2. Keyloggers
3. Worms
4. Ransomware

Solution :

The correct answer is **Keyloggers** i.e.



The term you're looking for is "Keylogger." A keylogger is a type of malicious software or hardware that records and captures everything a user types on a computer or device, including usernames, passwords, and other sensitive information.

- The purpose of a keylogger is often to obtain unauthorized access to personal or confidential information.
- Keyloggers can be used for malicious purposes, such as identity theft or espionage. It's important to have security measures in place to protect against keyloggers, including using reputable antivirus and anti-malware software.

Question 109 :

Crypto Locker is a form of which of the following?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Ransomware
2. Adware
3. Spyware
4. Worms

Solution :

The correct answer is **Ransomware** i.e.

- CryptoLocker is a form of "Ransomware."
- Ransomware is a type of malicious software that encrypts a user's files or computer system and demands a ransom payment from the victim in exchange for a decryption key to unlock the encrypted data.
- CryptoLocker is a specific strain or variant of ransomware known for its sophisticated encryption techniques and its use in extortion schemes.

Question 110 :

Which of the following is a web browser created and developed by Microsoft?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Opera
2. Chrome
3. Edge
4. Brave

**Solution :**

The correct answer is **Edge** i.e.

- The web browser created and developed by Microsoft is "Microsoft Edge."
- Microsoft Edge is the successor to the earlier Internet Explorer browser and is designed to provide a modern and efficient web browsing experience.
- It's available for Windows and has versions for different platforms, including Windows, macOS, Android, and iOS.

Question 111 :

In MS-Word 365, Ctrl + E is the keyboard shortcut to _____.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. justify the selected text
2. centre align the selected text
3. right align the selected text
4. display the file menu options

Solution :

The correct answer is **centre align the selected text** i.e.

- In MS-Word 365, the keyboard shortcut Ctrl + E is used to align text or objects to the center.
- It is a formatting shortcut that can be handy for centering text or other elements within a document.

Question 112 :

Consider the following statements regarding line spacing of a paragraph in MS-Word 2010: P: Line spacing determines the amount of vertical space between lines of text in a paragraph. Q: Line spacing determines the amount of diagonal space between lines of text in a paragraph Which of the following statement(s) is/are correct?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Only P
2. Both P and Q



Neither P nor Q

4. Only Q

Solution :

The correct answer is **Only P** i.e.

- Statement P is correct: Line spacing in MS-Word 2010, as well as in most word processing applications, determines the amount of vertical space between lines of text in a paragraph.
- Statement Q is incorrect: Line spacing does not determine the amount of diagonal space between lines of text; it specifically controls the vertical space, such as the space between one line of text and the next within a paragraph. Diagonal space is not a parameter that is directly adjusted through line spacing settings.

Question 113 :

Which one of the following folders is used to store deleted emails?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Trash
2. Spam
3. Inbox
4. Drafts

Solution :

The correct answer is **Trash** i.e.

- The folder used to store deleted emails is typically called "Trash."
- When you delete an email, it is often moved to the Trash folder, where it can be retained for a certain period before being permanently deleted.
- The specific terminology and location of this folder may vary depending on the email client or service you are using, but "Trash" is a commonly used term for this purpose.
- The "Trash" folder allows users to recover deleted emails if needed and helps prevent accidental email loss.

Question 114 :

Which among the following ports is also called as mouse port?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

Video Graphic Array

2. High Definition Media Interface

3. Firewire

4. PS/2

Solution :

The correct answer is **PS/2** i.e.

- The port that is also called a "mouse port" is the "PS/2" port.
- PS/2 ports were commonly used for connecting computer mice and keyboards to personal computers.
- The term "PS/2" comes from the Personal System/2 computer series by IBM, where these ports were initially introduced.
- These ports are usually small, round, and color-coded, with the purple one often designated for the keyboard and the green one for the mouse.
- While they have become less common with the advent of USB ports for mice and keyboards, they are still recognized as PS/2 ports.

Question 115 :

displays a list of utility configure the computer system and install software and hardware.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Run
2. Control Panel
3. Taskbar
4. Help and Support

Solution :

The correct answer is **Control Panel** i.e.

- The term you're looking for is "Control Panel." The Control Panel is a component in the Microsoft Windows operating system (and similar systems) that provides a centralized location for users to configure various aspects of their computer system.



This includes settings related to hardware, software, user accounts, security, and more.

- Users can adjust system preferences, install or uninstall software and hardware, manage user accounts, and perform various system maintenance tasks through the Control Panel.
- It serves as a control hub for system administration and customization.

Question 116 :

_____ was the first browser to display images inline with text instead of displaying images in a separate window.

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Mozilla
2. Mosaic
3. Lynx
4. Opera

Solution :

The correct answer is **Mosaic** i.e.

- The first web browser to display images inline with text instead of displaying images in a separate window was the "Mosaic" web browser.
- Mosaic was developed in the early 1990s by the National Center for Supercomputing Applications (NCSA) at the University of Illinois, Urbana-Champaign.
- It played a significant role in popularizing the World Wide Web and contributed to the growth of web usage.
- The ability to display images directly within web pages was a groundbreaking feature that improved the overall web browsing experience.

Question 117 :

_____ are a set of wires, which carries a group of bits in parallel and has an associated control scheme. It provides a communication path between two or more devices of a computer system.

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Buses
2. Control Unit
3. Register



Cache

Solution :

The correct answer is **Buses** i.e.

- The term you're looking for is "Bus." A bus in computer architecture refers to a set of wires or conductive pathways that carry multiple bits of data in parallel between various components or devices within a computer system.
- Buses serve as communication paths that allow different parts of the computer, such as the CPU, memory, and peripherals, to exchange data and instructions.
- There are various types of buses within a computer system, including the address bus, data bus, and control bus, each serving a specific function in data transfer and control.

Question 118 :

What will the function given below return in MS-Excel 2010? =MATCH(12,{10,13,30,40,60},1)

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 0
2. 1
3. #N/A
4. 2

Solution :

The correct answer is **1** i.e.

- The function you've provided in MS-Excel 2010 is the MATCH function, which is used to search for a specified value in a range of cells and return the relative position of that item within the range.
- In this case, the function: =MATCH(12, {10, 13, 30, 40, 60}, 1) It will return the result of 3.
- The number 12 is being searched for in the array {10, 13, 30, 40, 60}, and the third item in the array is the first item that is greater than or equal to 12. Therefore, the function returns 3, indicating that 12 is found at the third position in the array.
- The "1" in the function specifies that the array should be in ascending order

Question 119 :

Which among the following statements is incorrect for input devices?

Difficulty : Moderate

Average Time : 59 Seconds

Options :



Input devices are also called as peripheral device.

2. Input devices accepts user data.
3. Input devices helps computer in receiving data.
4. Optical Mark Reader is an input device.

Solution :

The correct answer is **Input devices are also called as peripheral device.** i.e.

- The incorrect statement among the options is:"
- Input devices are also called as peripheral device."|
- nput devices are not typically referred to as "peripheral devices." Peripheral devices are a broader category that includes both input and output devices.
- Input devices are those that accept data from the user or from external sources and send that data to the computer, while output devices produce information or results that are provided to the user.
- Optical Mark Reader is indeed an example of an input device used to capture data from marked forms or documents

Question 120 :

Which among the following statements is incorrect?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. A magnetic tape consists of vertical columns called frames.
2. Magnetic tape consists of horizontal rows called channels or tracks.
3. Magnetic tape drivers are not suitable for storage of data that need to be accessed randomly.
4. There is no addressing in the magnetic tapes.

Solution :

The correct answer is **Magnetic tape drivers are not suitable for storage of data that need to be accessed randomly.** i.e.

- The incorrect statement among the options is: "Magnetic tape consists of horizontal rows called channels or tracks."
- Magnetic tape consists of horizontal rows called tracks, not channels. Tracks are the longitudinal divisions on a magnetic tape where data is recorded, and they can be read or written sequentially.
- Channels are a concept more commonly associated with communication systems and network data transmission,



not magnetic tape storage.

Question 121 :

The information given below represents the number codes for the given letters. Select the combination of numbers so that the letters arranged accordingly will form a meaningful word. R = 1, E = 2, A = 3, C = 4, T = 5, I = 6, V = 7, E = 8

Difficulty : Moderate**Average Time : 71 Seconds****Options :**

1. 4, 1, 2, 3, 5, 8, 7, 6
2. 4, 1, 2, 3, 5, 6, 7, 8
3. 7, 2, 1, 3, 8, 4, 5, 6
4. 4, 3, 1, 5, 6, 7, 8, 2

Solution :

The correct answer is **option 2** i.e. 4, 1, 2, 3, 5, 6, 7, 8.

We need to find the combination of numbers so that the letters when arranged accordingly will form a meaningful word.

R = 1, E = 2, A = 3, C = 4, T = 5, I = 6, V = 7, E = 8

Option 1: 4, 1, 2, 3, 5, 8, 7, 6

CREATEVI - This is not a meaningful word.

Option 2: 4, 1, 2, 3, 5, 6, 7, 8

CREATIVE - This is a meaningful word.

Hence, **option 2** is the correct answer.

Question 122 :

In a code language, 'SLAIN' is written as 'PKCNU', and 'DENT' is written as 'VPGF'. How will 'CUBOID' be written in that language?

Difficulty : Moderate**Average Time : 53 Seconds****Options :**

1. FKQDWE
2. FJQDWE
3. FKQDVF

**EWDPKE****Solution :**

The correct answer is **option 1** i.e. **FKQDWE**.

The logic used here is:

'SLAIN' is written as 'PKCNU'

First, reverse the code.

SLAIN = UNCKP

S + 2 = U

L + 2 = N

A + 2 = C

I + 2 = K

N + 2 = P

'DENT' is written as 'VPGF'

DENT = FGPV

D + 2 = F

E + 2 = G

N + 2 = P

T + 2 = V

Similarly;

Code for the word CUBOID:

C + 2 = E

U + 2 = W

B + 2 = D

O + 2 = Q

I + 2 = K

D + 2 = F



CUBOID = FKQDWE

Hence, **option 1** is the correct answer.

Question 123 :

Three of the following four triads are alike in a certain way as they are formed by performing the same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 11: 21: 121
2. 7: 15: 49
3. 2: 3: 4
4. 9: 17: 81

Solution :

The correct answer is **option 2** i.e. **7: 15: 49**.

The logic used here is:

Option 1: 11: 21: 121

$$11 \times 2 = 22$$

$$22 - 1 = 21$$

$$11^2 = 121$$

This follows the logic.

Option 2: 7: 15: 49

$$7 \times 2 = 14$$

$$14 - 1 = 13$$

$$7^2 = 49$$

This does not follow the logic.

Hence, **option 2** is the odd one out.

Question 124 :

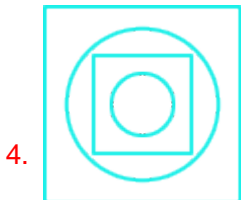
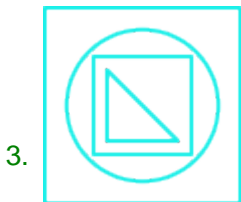
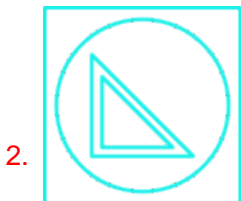
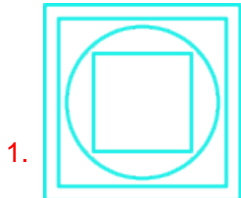
Out of the following five figures, four are alike in some manner and one differs from these in that manner. Select the odd

figure.

Difficulty : Moderate


Average Time : 52 Seconds

Options :



Solution :



The correct answer is  i.e.

Question 125 :

Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

$$11 * 7 * 345 * 5 * 31 = 115$$

Difficulty : Moderate

Average Time : 53 Seconds

**Options :**

1. +, ×, ÷,
2. ×, +, ÷,
3. ÷, ×, +,
4. ÷, , +, ×

Solution :

The correct answer is **option 2** i.e. ×, +, ÷, .

Given equation: $11 * 7 * 345 * 5 * 31 = 115$

Option 1: +, ×, ÷,

After interchanging the expression becomes:

$$= 11 + 7 \times 345 \div 5 \quad 31 = 115$$

$$= 11 + 7 \times 69 \quad 31$$

$$= 11 + 483 \quad 31$$

$$= 463 \text{ is not equal to } 115.$$

As we have found our answer, there is no need to check further options.

Option 2: ×, +, ÷,

After interchanging the expression becomes:

$$= 11 \times 7 + 345 \div 5 \quad 31 = 115$$

$$= 11 \times 7 + 69 \quad 31$$

$$= 77 + 69 \quad 31$$

$$= 115 \text{ is equal to } 115.$$

As we have found our answer, there is no need to check further options.

Hence, **option 2** is the correct answer.

Question 126 :

Figure A is related to B following a certain pattern. Following the same pattern, figure C is related to D. Study the pattern and select the figure which should be placed in place of D.

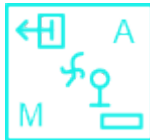
Difficulty : Moderate

Average Time : 74 Seconds

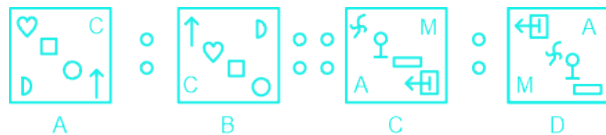
Options :

- 1.
- 2.
- 3.
- 4.

Solution :



The correct answer is i.e.



Question 127 :

Seven persons are sitting around a circular dining table facing the center. S is sitting to the immediate left of Y and third, to the right of R. R is sitting to the immediate left of A and immediate right of P. A is sitting to the immediate left of D. Q is sitting to the immediate left of P. If D exchanges seat with Y and P with Q, then who is sitting to the immediate right of D?

Difficulty : Moderate

Average Time : 76 Seconds

Options :

1. P

S

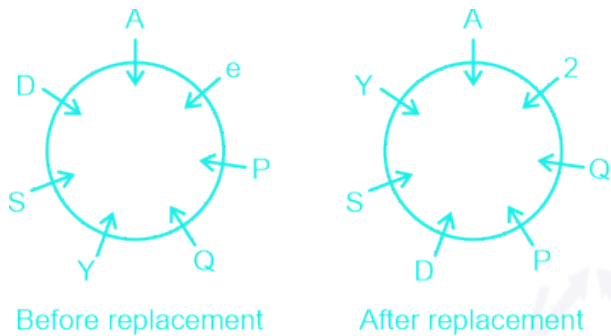
3. Q

4. R

Solution :

The correct answer is **option 1** i.e. **P**.

According to the question, the arrangement is as follows:



From the above arrangement, P is sitting to the immediate right of D.

Question 128 :

In this question, two statements I and II have been given. These statements may be independent causes or effects of independent causes or a common cause. One of the statements may be the effect of the other statement. Read both statements and select the correct answer. I. Over the last two years 22% of Company P's manpower was laid off. II. Over the past two years Company P has sold off many of their major assets.

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Both I and II are effects of a common cause.
2. I is the cause and II is its possible effect.
3. II is the cause and I is its possible effect.
4. Both I and II are independent causes.

Solution :

The correct answer is **option 1** i.e. **Both I and II are effects of a common cause.**

I. Over the last two years 22% of Company P's manpower was laid off.

II. Over the past two years Company P has sold off many of their major assets.

From both statements, it is clear that the company might have faced a loss, so, it would have decided to lay off some employees and sell off major assets to prevent the company from being shut down. We can say that both are the effects of a common cause.

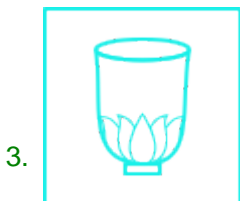
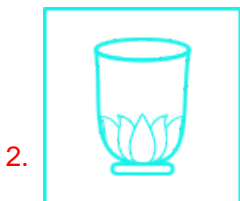
Question 129 :

Out of the following five figures, four are alike in some manner and one differs from these in that manner. Select the odd figure.

Difficulty : Moderate

Average Time : 70 Seconds

Options :



Solution :

The correct answer is **Option 3** i.e.

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In the given five figures, all the glasses are of different patterns, but the third and first glasses are of the same pattern. Hence, the third glass is the odd one out.

Hence, the correct answer is **Option 3**.

Question 130 :

Which of the following letter clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of:: is the same as that on the right side of::? # : KNE :: PQV : %

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. # = NKF, % = MTU
2. # = NOB, % = SRY
3. # = MOB, % = RTT
4. # = HQD, % = MTV

Solution :

The correct answer is **option 1** i.e. # = NKF, % = MTU.

The logic used here is:

: KNE :: PQV : %

Option 1: # = NKF, % = MTU

NKF: KNE

N - 3 = K

K + 3 = N

F - 1 = E

PQV: MTU

P - 3 = M

$$Q + 3 = T$$

$$V - 1 = U$$

Hence, **option 1** is the correct answer.

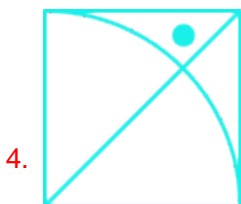
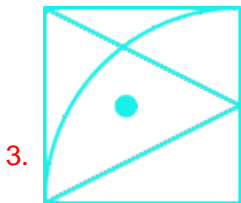
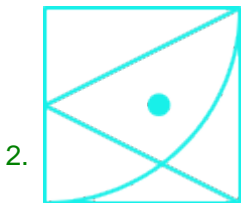
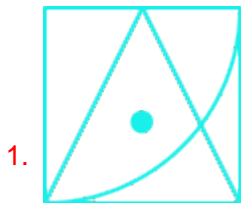
Question 131 :

Select the figure from the options that can replace the question mark (?) and complete the given pattern.

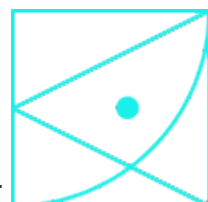
Difficulty : Moderate

Average Time : 51 Seconds

Options :



Solution :



The correct answer is **option 2** i.e.

The figure that will complete the pattern:



Question 132 :

Given below is a question followed by two statements I and II. Read both statements fully to decide which one of them is sufficient to answer the question. Six people - K, M, N, P, Q, and R are sitting around a circular table facing the centre. Who sits second to the left of P? (I) K sits to the immediate right of P. Only two people sit between P and Q. R sits second to the right of M. (II) Only two people sit between N and M. Q is an immediate neighbour of M. Only one person sits between Q and K.

Difficulty : Moderate

Average Time : 86 Seconds

Options :

1. Data in statement II alone is sufficient to answer the question while data in statement I is not.
2. Data in statement I alone is sufficient to answer the question while data in statement II is not.
3. Data in statements I and II together are NOT sufficient to answer the question.
4. Data in statements I and II together are sufficient to answer the question.

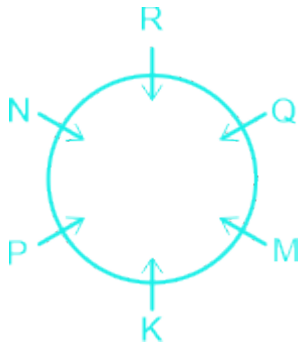
Solution :

The correct answer is **option 2** i.e. **Data in statement I alone is sufficient to answer the question while data in statement II is not.**

Given statement: Six people - K, M, N, P, Q, and R are sitting around a circular table facing the centre.

(I) K sits to the immediate right of P. Only two people sit between P and Q. R sits second to the right of M.

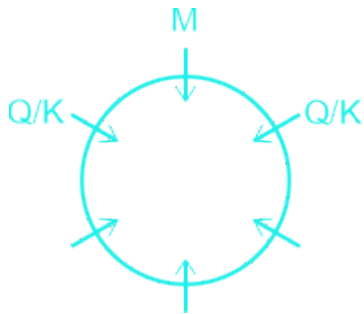
According to the question, the arrangement is as follows:



From the above arrangement, R sits second to the left of P.

(II) Only two people sit between N and M. Q is an immediate neighbour of M. Only one person sits between Q and K.

According to the question, the arrangement is as follows:



From the above arrangement, we cannot find who is second to the left of P.

Hence, **Data in statement I alone is sufficient to answer the question while data in statement II is not.**

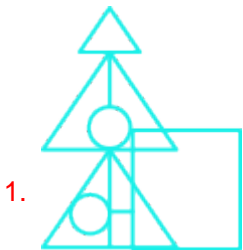
Question 133 :

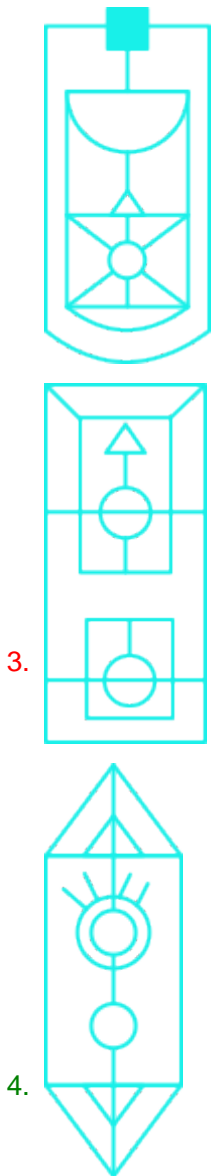
Select the option in which the following figure is embedded. (Rotation is NOT allowed)

Difficulty : Moderate

Average Time : 105 Seconds

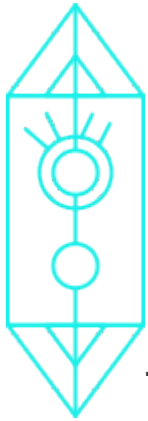
Options :



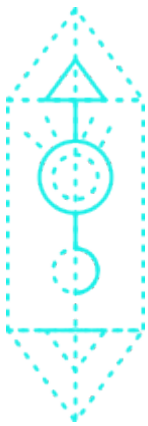


Solution :

The correct answer is **option 4** i.e.



The given figure is embedded in option 4, as shown below:



Question 134 :

Three statements are given, followed by three conclusions numbered I, II, and III. Assuming the statements to be true, even if they seem to be at variance with commonly-known facts, decide which of the conclusions logically follow(s) from the statements. Statement: Some Bangles are Bracelets. All chains are Rings. Some Bracelets are Chains.

Conclusions: (I) Some Bangles are Rings. (II) Some Chains are Bangles. (III) Some Rings are Bracelets.

Difficulty : Moderate

Average Time : 79 Seconds

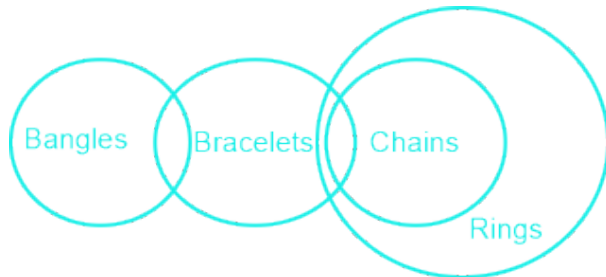
Options :

1. Only Conclusion III follows.
2. Both Conclusions I and II follow.
3. Both Conclusions I and III follow.
4. Only Conclusion I follows.

Solution :

The correct answer is **option 1** i.e. **Only Conclusion III follows.**

The least possible Venn Diagram for the given statements is drawn below:



Conclusions:

- I. Some Bangles are Rings **False** (It is possible, but no definite conclusion can be drawn.)
- II. Some Chains are Bangles **False** (It is possible, but no definite conclusion can be drawn.)
- III. Some Rings are Bracelets **True** (As some bracelets are chains and all chains are rings, so, some rings are bracelets is also true.)

Hence, **Only conclusion III follows.**

Question 135 :

Amit ranked 7th from the top and 26th from the bottom in his class. How many students are there in the class?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

- 1. 31
- 2. 33
- 3. 27
- 4. 32

Solution :

The correct answer is **option 4** i.e. **32.**

Number of students in the class = Position of person from top + Position of person from bottom - 1 = 26 + 7 - 1 = 32

Question 136 :

Select the number from among the given options that can replace the question mark (?) in the following series. 242, 288, ?, 392, 450



Difficulty : Moderate

Average Time : 37 Seconds

Options :

1. 338
2. 375
3. 316
4. 324

Solution :

The correct answer is **option 1** i.e. **338**.

Given series: 242, 288, ?, 392, 450

The series follows this pattern:

$$242 + 46 = 288$$

$$288 + 50 = 338$$

$$338 + 54 = 392$$

$$392 + 58 = 450$$

So, the missing term in the series is **338**.

Question 137 :

Direction: One statement followed by two inferences I and II are given. Assuming that the given statement is true even if it appears to be at variance from commonly known facts, decide which of the given inferences logically follows from the statement. Statement: In a football match between team X and team Y, number of goals by team Y was 5, of which 3 goals were scored by left footed players. Estimate: I. Left footed player was adept at scoring goals. II. 60% of the players of team Y are left footed.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Both I and II follow.
2. Only II follows
3. Neither I nor II follows.
4. Only I follows.

Solution :

The correct answer is **Option 3** i.e. **Neither I nor II follows.**

Statement:

In a football match between team X and team Y, number of goals by team Y was 5, of which 3 goals were scored by left footed players.

Estimate:

I. Left footed player was adept at scoring goals.

II. 60% of the players of team Y are left footed.

Neither I nor II follows because both estimation are not derived from the given statement.

Hence, the correct answer is **Neither I nor II is follows.**

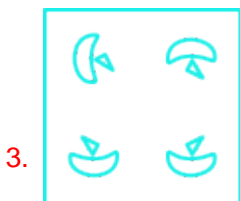
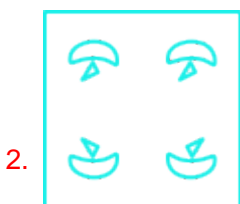
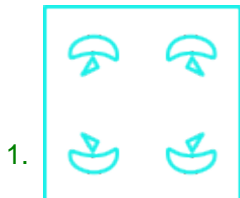
Question 138 :

The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose a figure which would most closely resemble the unfolded form of the paper.

Difficulty : Moderate

Average Time : 65 Seconds

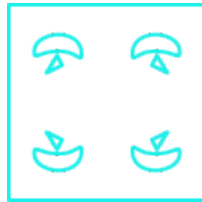
Options :



4.



Solution :



The correct answer is **option 1** i.e.

After unfolding, the paper will appear as follows:



Question 139 :

Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series. S C R _ W S _ R _ W _ C _ G W S _ R H _

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. E C F S R C W
2. H D F S R C W
3. G D F S R C W
4. E D F S R D W

Solution :

The correct answer is **option 1** i.e. **E C F S R C W**.

The sequence is – E C F S R C W

Given sequence: S C R _ W S _ R _ W _ C _ G W S _ R H _

Option 1: E C F S R C W



S C R E W / S C R F W / S C R G W / S C R H W

Option 1 forms a particular pattern.

As we have found our answer, there is no need to check further options.

Hence, **option 1** is the correct answer.

Question 140 :

If + means \times , \times means \div , and \div means +, what will be the value of the following expression? $3 \div 6 + 3 - 4 \times 4 = ?$

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. 8

2. 5

3. 6

4. 4

Solution :

The correct answer is **option 3** i.e. **6**.

Given equation: $3 \div 6 + 3 - 4 \times 4 = ?$

Given conditions:

+ means

means \times

\times means \div

\div means +

After interchanging the expression becomes:

$$= 3 + 6 - 3 \times 4 \div 4$$

$$= 3 + 6 - 3 \times 1$$

$$= 3 + 6 - 3$$

$$= 9 - 3$$

= 6

Hence, **option 3** is the correct answer.

Question 141 :

In this question, a statement is followed by two courses of action, numbered I and II. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which course of action/s logically follows for pursuing. Statement: Some serious mistakes were found in the technical section of the company. Course of Action: I. An efficient technical team should be appointed to check the technical errors. II. A reason explanation notice should be issued to all the employees involved in the irregularities.

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. Neither I nor II follows
2. Only I follows
3. Only II follows
4. Both I and II follow

Solution :

The correct answer is **option 4** i.e. **Both I and II follow**.

Statement: Some serious mistakes were found in the technical section of the company.

Course of Action:

I. An efficient technical team should be appointed to check the technical errors.

As the statement says some serious mistakes were found in the technical section, so to check that one team should be appointed, so that no errors will be faced later. Hence, this is a possible course of action

II. A reason explanation notice should be issued to all the employees involved in the irregularities.

As there is a technical glitch, so, there will be some irregularities, to prevent this proper notice should be issued. Hence, this is also a possible course of action.

Question 142 :

Select the figure from among the given options that can replace the question mark (?) in the following series.

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1.

∞		D
A	B	C

2.

	D	C
		B
	∞	A

3.

A	B	C
∞		D

4.

E	C	B
		A
		∞

Solution :

∞		D
A	B	C

The correct answer is **Option 1** i.e.

Every element shifts 1 place in a clockwise direction until the last element does not come. The last element '+' disappeared and a new element A appeared.

Every element shifts 2 places clockwise direction until the 2nd last element does not come.

The 2nd last element + disappeared and new element B appeared at the last.

As A is placed after the eliminated element, A shifts three places in the clockwise direction and so on.

Hence, the correct answer is **Option 1**.

+	+	A	∞	B	A	≠	
	\$	+	≠			∞	D
∞	≠	∞	≠	\$	\$	A	B
						A	B
						A	B

Question 143 :

In a certain code language, 'POLISH' is written as '89', and 'CLIP' is written as '72'. How will 'CONTROL' be written in that language?

Difficulty : Moderate

Average Time : 88 Seconds

Options :

- 1. 89
- 2. 92
- 3. 106
- 4. 99

Solution :

The correct answer is **Option 4** i.e. **99**.

The logic used here is:

Sum of positional values of Opposite letters + number of letters

'POLISH' is written as '89'

P K, O L, L O, I R, S H, H S

$$(11 + 12 + 15 + 18 + 8 + 19) + 6$$

$$73 + 6 = 79$$

'CLIP' is written as 72'

C X, L O, I R, P K

$$(24 + 15 + 18 + 11) + 4$$

$$68 + 4 = 72$$

Similarly;



Code for the word CONTROL:

C X, O L, N M, T G, R I, O L, L O

$(24 + 12 + 13 + 7 + 9 + 12 + 15) + 7$

$92 + 7 = 99$

Hence, **99** is the correct answer.

Question 144 :

Three of the following words are alike in some manner and hence form a group. Which word does NOT belong to that group? (The words must be considered meaningful English words and must not be grouped based on the number of letters/number of consonants/vowels in the word.)

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. Engineer
2. Doctor
3. Carpenter
4. Teacher

Solution :

The correct answer is **Option 3** i.e. **Carpenter**.

The logic used here is:

Carpenter is the odd one because teacher, doctor, and engineer required higher education and provide professional services.

Hence, **carpenter** is the correct answer.

Question 145 :

Select the set in which the numbers are related in the same way as the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed.) (18, 39, 60) (27, 48, 69)

Difficulty : Moderate

Average Time : 58 Seconds

Options :



(24, 64, 96)

2. (35, 56, 77)

3. (31, 52, 84)

4. (17, 28, 49)

Solution :

The correct answer is **option 2** i.e. **(35, 56, 77)**.

The logic used here is:

(18, 39, 60)

$18 + 60 = 78$

$78 \div 2 = 39$

(27, 48, 69)

$27 + 69 = 96$

$96 \div 2 = 48$

Similarly;

(35, 56, 77)

$35 + 56 = 112$

$112 \div 2 = 56$

Hence, **option 2** is the correct answer.

Question 146 :

'A # B' means 'A is the brother of B'. 'A @ B' means 'A is the daughter of B'. 'A & B' means 'A is the husband of B'. 'A % B' means 'A is the wife of B'. If $Z \% X \# C @ V \& B @ N$, then how is Z related to B?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Son's wife

2. Daughter

3. Husband's mother

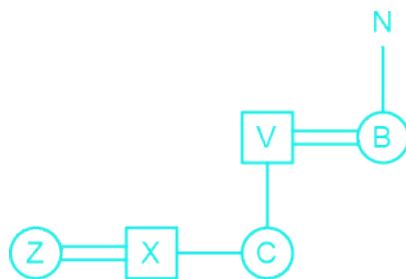
Mother

Solution :

The correct answer is **option 1** i.e. **Son's wife**.

In the diagram shown;

Square shows males, the circle shows females, vertical lines show generations, a single horizontal line shows brothers or sisters, and double lines show a couple.



From the above tree, Z is the son's wife of B.

Hence, **option 1** is the correct answer.

Question 147 :

'A # B' means 'A is the brother of B'. 'A @ B' means 'A is the daughter of B'. 'A & B' means 'A is the husband of B'. 'A % B' means 'A is the wife of B'. If $D @ N @ H \& Y @ F \% V$, then how is Y related to D?

Difficulty : Moderate

Average Time : 71 Seconds

Options :

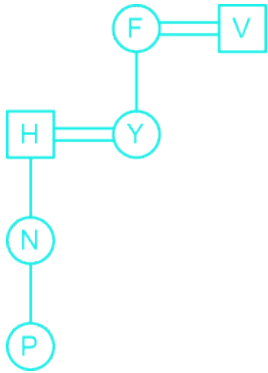
1. Mother's mother
2. Sister's daughter
3. Mother
4. Daughter's daughter

Solution :

The correct answer is **option 3** i.e. **Mother's mother**.

In the diagram shown;

Square shows males, the circle shows females, vertical lines show generations, a single horizontal line shows brothers or sisters, and double lines show a couple.



From the above tree, Y is the mother's mother of D.

Hence, **option 3** is the correct answer.

Question 148 :

In the given question, the statement is followed by two conclusions. Which of the two conclusions is/are true? Statement: $Z = E \ R > G \ Y > Q = F$ Conclusions: I. $R < F$ II. $R < Z$

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Both conclusions I and II are true
2. Only conclusion II is true
3. Only conclusion I is true
4. Neither conclusion I nor II is true

Solution :

The correct answer is **option 4** i.e. **Neither conclusion I nor II is true.**

Statement: $Z = E \ R > G \ Y > Q = F$

Conclusions:

I. $R < F$: **False** ($R > G \ Y > Q = F$ Opposite signs are present, so, there is no relation between R and F.)

II. $R < Z$: **False** ($R = E = Z$ implies $R = Z$ and not $R < Z$.)

Hence, **Neither conclusion I nor II is true.**

Question 149 :

A question is given, followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer. Question:



Four people, A, B, C, and D, are sitting in a straight line, facing south. Who is sitting at the right end? Statements: (I) Only two people sit between B and D. A sits to the immediate left of B. (II) Only one person sits between B and C. A sits to the immediate right of C.

Difficulty : Moderate

Average Time : 88 Seconds

Options :

1. Data in statement I alone is sufficient to answer the question while data in statement II is not
2. Data in statement II alone is sufficient to answer the question while data in statement I is not
3. Data in either statement I alone or statement II alone is sufficient to answer the question.
4. Data in statements I and II together is sufficient to answer the question

Solution :

The correct answer is **Option 1** i.e. **Data in statement I alone is sufficient to answer the question while data in statement II is not.**

Question: Four people, A, B, C, and D, are sitting in a straight line, facing south. Who is sitting at the right end?

Statements:

(I) Only two people sit between B and D. A sits to the immediate left of B.

From statement I we got the answer.

(II) Only one person sits between B and C. A sits to the immediate right of C.

From statement II, the answer cannot be derived.

Hence, the correct answer is **Data in statement I alone is sufficient to answer the question while data in statement II is not.**

Question 150 :

Select the correct mirror image of the given combination when the mirror is held on the right side of the image.

Difficulty : Moderate

Average Time : 87 Seconds

Options :

1. 
2. 

idp@82TbE
4. idp@82TbE

Solution :

The correct answer is **option 1** i.e. **idp@82TbE**.

The mirror image of the question figure is shown below:

EdT589ghi | idp@82TbE
P
Q

Since the mirror is placed right to the question figure, the right-hand side of the original image will now be the left-hand side of the mirror image.

Hence, **option 1** is the correct answer.

Ssc Cgl Tier II Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier II Previous Year Question Paper held on 2023-03-07 in the Morning exam is as follows:

1. 150 questions were moderate.
2. The safe score is 260 marks.
3. 60 questions were asked from Section I - Maths and Reasoning, 70 questions were asked from Section II - English and GK and 20 questions were asked from Section III - Computer Knowledge
4. 29 questions should have been skipped if you were short of time.

Ssc Cgl Tier II Previous Year Question Paper Topic Wise Weightage

Section I - Maths and Reasoning

Section II - English and GK

Section III - Computer Knowledge

Ssc Cgl Tier II Previous Year Question Paper Tips and Tricks



1. Try to solve Ssc Cgl Tier II Previous Year Question Paper without taking any help from the solutions.
2. Ssc Cgl Tier II Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Ssc Cgl Tier II Previous Year Question Paper. She has guided her team to provide the best explanation for the question.