



Ssc Cgl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier I Previous Year Question Paper on 2022-04-18 in the Afternoon 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 I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Cgl Tier I exam. The Cutoff of the exam was 140 marks hence you should try to score at least 150 marks.

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

Question 1 :

The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. Take care/ for keep/ your valuables safely.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Take care
2. your valuables safely
3. for keep
4. No error

Solution :

The correct answer is **option 3** i.e. **for keep**

- In any sentence after the use of the **preposition** we use **noun/noun phrase/gerund**.
- In this case gerund form of verb i.e. **'keeping'** will be used.
- Also, instead of **'for'** preposition **'of'** will be used.

Hence, the correct sentence is-

Take care **of keeping** your valuables safely.

Question 2 :

Select the INCORRECTLY spelt word.



Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Tenure
2. Digonal
3. Partner
4. Oblique

Solution :

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

- The correct spelling of the options are as follows-

1. Tenure- Tenure
2. Digonal- Diagonal
3. Partner- Partner
4. Oblique- Oblique

Clearly, the correct answer is-

Digonal

Question 3 :

A poster is on top of a building. A person is standing on the ground at a distance of 50m from the building. The angles of elevation to the top of the poster and bottom of the poster are 45° and 30° , respectively. What is 200% of the height (in m) of the poster?

Difficulty : Moderate

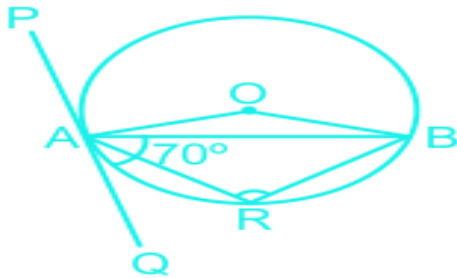
Average Time : 56 Seconds

Options :

1. $\frac{25}{3}(3-3)$
2. $\frac{75}{3}(3-3)$
3. $\frac{50}{3}(3-3)$
4. $\frac{100}{3}(3-3)$

Solution :

The correct answer is **option 4** i.e. $\frac{100}{3}(3-3)$



Distance of man from the building = 50 m

The angle of elevation of the top of the poster = 45°

The angle of elevation of the bottom of the poster = 30°

$\tan = x/y$ (where x and y are perpendicular and the base of the right-angled triangle)

In triangle BCD, $\tan 30^{\circ} = BC/CD$

$$\tan 30^{\circ} = 1/3$$

$$CD = 50\text{m}$$

$$BC/50 = 1/3$$

$$BC = 50/3$$

In triangle ACD, $\tan 45^{\circ} = AC/CD$

$$AC = AB + BC$$

$$\tan 45^{\circ} = 1 \text{ and } CD = 50 \text{ m}$$

$$AC = CD \text{ or } AB + BC = CD$$

Substituting the values, we get -

$$AB + 50/3 = 50$$

$$AB = 50(3 - 1)/3$$

$$200\% \text{ of the poster height} = 100(3 - 1)/3 \text{ m}$$

Question 4 :

The ratio of the profit of P and Q is 5 : 8. What is their investment ratio, if their investment time period ratio is 3 : 5?

Difficulty : Moderate

Average Time : 86 Seconds

Options :



13 : 25

2. 12 : 25

3. 24 : 25

4. 25 : 24

Solution :

The correct answer is **option 4** i.e. **25 : 24**

Explanation:

The ratio of profits for P and Q = 5 : 8

The ratio of investment period for P and Q = 3 : 5

Profit = Investment × period

Let the profits of P and Q be 5x and 8x.

Let the investment period of P and Q be 3y and 5y respectively.

Investment for P = $5x/3y$

Investment for Q = $8x/5y$

Investment ratio = $(5x/3y)/(8x/5y) = 25 : 24$

Hence the ratio of investment is 25 : 24.

Question 5 :

If a nine digit number 468x5138y is divisible by 72, then the value of 4x+3y is :

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 8

2. 9

3. 12

4. 6

Solution :

The correct answer is **option 4** i.e. **6**

9 digit number $468x5138y$ is divided by 72.

The number will be divisible by 8 and 9 both.

A number will be divisible by 8 if the last 3 digit of a number is divisible by 8.

$38y$ will be divisible by 8 if $y = 4$.

A number will be divisible by 9 if the sum of the digits is divisible by 9.

$468x51384$ will be divisible by 9 if $x = 6$

$4x+3y = [4(6) + 3(4)] = (24 + 12) = 36 = 6$

Question 6 :

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. Statements: No plum is an apricot. All lemons are apricots. All grapes are lemons. Conclusions: I. No apricot is a grape. II. No grape is a plum. III. No lemon is a plum. IV. Some plums are lemons.

Difficulty : Moderate

Average Time : 70 Seconds

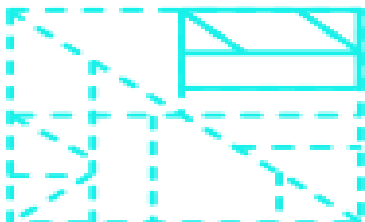
Options :

1. Only conclusions I, II and IV follow.
2. Only conclusions II, III and IV follow.
3. Only conclusions II and III follow.
4. Only conclusions I, II and III follow.

Solution :

The correct answer is **option 3** i.e. **Only conclusions II and III follow.**

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



Conclusions:



I. No apricot is a grape **False** (It is possible, but no definite conclusion can be drawn).

II. No grape is a plum **True** (As no plum is an apricot, all lemons are apricots, and all grapes are lemons, so, no grape is a plum.)

III. No lemon is a plum **True** (As no plum is an apricot, all lemons are apricots, so no lemon is a plum.)

IV. Some plums are lemons **False** (It is possible, but no definite conclusion can be drawn).

Hence, **Only conclusions II and III follow.**

Question 7 :

Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. 1. Projection 2. Professor 3. Product 4. Pronounce 5. Provide

Difficulty : Moderate

Average Time : 88 Seconds

Options :

1. 2, 3, 1, 4, 5

2. 3, 2, 1, 5, 4

3. 3, 2, 4, 1, 5

4. 3, 2, 1, 4, 5

Solution :

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

In this question, you need to arrange the words in the order in which they appear in an English dictionary.

1. Product

2. Professor

3. Projection

4. Pronounce

5. Provide

Question 8 :

The ratio of the present ages of Charvi and Vaishnavi is 4: 5. Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi. Find the present age of Vaishnavi.

Difficulty : Moderate

Average Time : 44 Seconds

**Options :**

1. 35 years
2. 28 years
3. 25 years
4. 42 years

Solution :

The correct answer is **option 1** i.e. **35 years**.

Let the present age of Charvi = $4x$ and the present age of Vaishnavi = $5x$

Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi.

$$Yuvika = 2 + 4x$$

$$Yuvika = 5x - 5$$

$$4x + 2 = 5x - 5$$

$$4x + 2 = 5x - 5$$

$$x = 7$$

So, the present age of Vaishnavi = $5x = 35$ years

Question 9 :

The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram. During which hour(s) is the number of cars passed more than the average number of cars passed from 6 am to 11 am?

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

1. 8-9 am, 9-10 am
2. 8-9 am
3. 7-8 am, 8-9 am, 9-10 am, 10-11 am
4. 7-8 am, 8-9 am, 9-10 am

Solution :

The correct answer is **option 4** i.e. **7-8 am, 8-9 am, 9-10 am**

Average car passing the road = (Total cars passing the road)/5



Total cars passing the road (up to 11 AM) = $(70 + 105 + 130 + 115 + 95) = 515$

Average car passing the road (up to 11 AM) = $515/5 = 103$ cars

Thus, in the time 7 - 8 am, 8 - 9 am, and 9 - 10 am, the number of cars passed more than the average number of cars passed from 6 am to 11 am.

Question 10 :

The given bar graph shows the sales of computers from six dealers A, B, C, D, E, and F, during two consecutive years 2015 and 2016. Study the graph and answer the question that follows. What is the ratio of the total sales from dealers A, B and C taken together for the year 2015 to the sales from dealers D, E and F taken together for the year 2016?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. 25 : 39
2. 37 : 21
3. 21 : 37
4. 39 : 25

Solution :

The correct answer is **option 3** i.e. **21 : 37**

Sale of computer from dealer A, B, and C in the year 2015 = $200 + 460 + 390 = 1050$

Sale of computer from dealer D, E, and F in the year 2016 = $675 + 725 + 450 = 1850$

Ratio = $1050/1850 = 21 : 37$

Question 11 :

The value of $15 + 6.3 \div 7 - 3 \times 1.3 - 2$ is:

Difficulty : Moderate

Average Time : 37 Seconds

Options :

1. 9
2. -10
3. 10
4. 7

**Solution :**

The correct answer is **option 3** i.e. **10**

Explanation:

From the given question,

$$15 + 6.3 \div 7 - 3 \times 1.3 - 2$$

$$15 + 6.3 \div 7 - 3 \times 1.3 - 2$$

$$15 + 0.9 - 3.9 - 2$$

$$15 - 3 - 2$$

$$10$$

Hence the value of $15 + 6.3 \div 7 - 3 \times 1.3 - 2$ is 10.

Question 12 :

A river 6m deep and 35m wide is flowing at the rate of 2.5km/h, the amount of water that runs into the sea per minute is:

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 8570m^3

2. 7850m^3

3. 7580m^3

4. 8750m^3

Solution :

The correct answer is **option 4** i.e. 8750m^3

Depth of river = 6 m

Width of river = 35 m

Rate of flow = 2.5 km/h

The volume of water flowing is the product of the cross-sectional area of the river and the flow rate of the river.

The volume of water flowing = Depth \times Width \times Rate of flow

Rate of flow in m/min = Rate of flow in km/hr \times 1000/60

Rate of flow in m/min = $2.5 \times 1000/60 = 125/3$ m/min

Volume of water flowing = $6 \times 35 \times 125/3 = 8750$ m³/min

Question 13 :

The cost prices of two articles A and B are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on article A and 20% profit on article B, and the difference in their selling price is Rs 480. Find 30% of the total cost price (in Rs) of both the articles.

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. 1250
2. 1000
3. 900
4. 810

Solution :

The correct answer is **option 4** i.e. **810**

The ratio of the cost price of two articles = 4 : 5

Selling Price on first articles = 10% gain

The selling Price on the second article = 20% profit

The difference in the selling price = Rs. 480

Let the cost price of the two articles be 40x and 50x respectively.

According to the question -

SP on first article = (110% of 40x) = $(110/100 \times 40x) = 44x$

SP on second article = (120% of 50x) = $(120/100 \times 50x) = 60x$

The difference in the selling price = Rs. 480

$(60x - 44x) = 480$

$x = 30$

The total cost price of both the articles = $(40 \times 30 + 50 \times 30) = (1200 + 1500) =$ Rs. 2700

Question 14 :

The value of $2 - \frac{\cot^2 \theta + \cos^2 \theta}{\cot^2 \theta - \cos^2 \theta}$, when $0^\circ < \theta < 90^\circ$ is equal to:

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. $2 + \sec + \tan$
2. $2 - \sec + \tan$
3. $2 - \sec - \tan$
4. $2 + \sec - \tan$

Solution :

The correct answer is **option 3** i.e. $2 - \sec - \tan$

$$\tan = \sin/\cos$$

$$\cot = 1/\tan$$

$$\cos^2 = 1 - \sin^2$$

Substituting the value of \cot as $1/\tan$ -

$$= 2 - \frac{(\cot + \cos)}{(\cot - \cos)}$$

$$= 2 - \frac{(1/\tan + \cos)}{(1/\tan - \cos)}$$

$$= 2 - \frac{(1 + \sin)}{(1 - \sin)}$$

Rationalizing $[(1 + \sin)/(1 - \sin)]$, we get -

$$= 2 - \frac{(1 + \sin)^2}{(1 - \sin^2)}$$

$$= 2 - \frac{(1 + \sin)^2}{\cos^2}$$

$$= 2 - (1 + \sin)/\cos$$

$$= 2 - 1/\cos - \tan$$

$$= 2 - \sec - \tan$$

Question 15 :

If a positive number 'K' when multiplied by 30% of itself gives a number that is 170% more than the number 'k', then the number 'k' is equal to:

Difficulty : Moderate

Average Time : 78 Seconds

**Options :**

1. 9

2. 5

3. 6

4. 7

Solution :

The correct answer is **option 3** i.e. 9

According to the question -

$$k(k \times 30/100) = 270k/100$$

$$0.3 k^2 = 2.7k$$

$$0.3k = 2.7$$

$$k = 9$$

Question 16 :

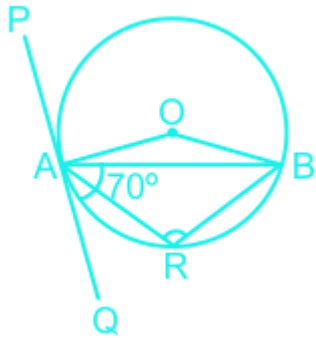
AB is a chord of a circle with centre O, while PAQ is the tangent at A, R is a point on the minor arc AB. If $\angle BAQ = 70^\circ$, then find the measure of $\angle ARB$.

Difficulty : Moderate**Average Time : 44 Seconds****Options :**1. 110° 2. 125° 3. 70° 4. 145° **Solution :**

The correct answer is **option 1** i.e. 110°

$$\angle BAQ = 70^\circ$$

PAQ is tangent at A.



The angle subtended by an arc at the center is double than subtended by it on other parts of the circle.

PAQ is tangent at point A. Thus, $OAQ = 90^\circ$

From figure -

$$OAB = OAQ - BAQ$$

$$OAB = 90^\circ - 70^\circ = 20^\circ$$

$$OBA = OAB = 20^\circ \text{ (Angle subtended by radius are equal)}$$

In triangle OBA -

$$BOA = 180^\circ - (OBA + OAB)$$

$$BOA = 180^\circ - (20^\circ + 20^\circ) = 180^\circ - 40^\circ = 140^\circ$$

$$BOA \text{ (exterior angle)} = 360^\circ - 140^\circ = 220^\circ$$

$$ARB = (BOA)/2$$

$$ARB = (220)/2 = 110^\circ$$

Question 17 :

A shopkeeper announces a discount of 48% and then by a further discount of 15%. What is the final sale price (in Rs, to the nearest rupee) of a sofa costing Rs 29600 and what is the discount (in Rs)?

Difficulty : Moderate

Average Time : 86 Seconds

Options :

1. 13280, 16517

2. 13083, 16517

3. 16517, 13083

16517, 13280

Solution :

The correct answer is **option 2** i.e. **13083, 16517**

Cost of Sofa after 1st discount = $29600 - 48\% \text{ of } 29600 = 29600 (1 - 48/100) = \text{Rs } 15392$

Cost of Sofa after 2nd discount = $15392 - 15\% \text{ of } 15392 = 15392(1 - 15/100) = \text{Rs } 13083$

The selling price of the Sofa = Rs 13083

Total discount offered = $29600 - 13083 = \text{Rs. } 16517$

Question 18 :

If $2(\sqrt{2})x^3 - 3(\sqrt{3})y^3 = ((\sqrt{2}x - \sqrt{3}y)) (Ax^2 - Bxy + Cy^2)$, then the value of $(\sqrt{A^2 + B^2 + C^2})$ is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. $\sqrt{19}$
2. $\sqrt{11}$
3. $\sqrt{17}$
4. $\sqrt{21}$

Solution :

The correct answer is **option 1** i.e. $\sqrt{19}$

$$(22x^3 - 33x^3)/((2x) - (3y)) = Ax^2 - Bxy + Cy^2$$

$$x^3 - y^3 = (x - y)(x^2 + xy + y^2)$$

$$(22x^3 - 33x^3)/((2x) - (3y))$$

$$= \frac{[(2x) - (3y)](2x^2 + 3y^2 - 6xy)}{[(2x) - (3y)]}$$

$$= (2x^2 + 3y^2 - 6xy)$$

On comparing with $Ax^2 - Bxy + Cy^2$ -

$$A = 2$$

$$B = 6$$

$$C = 3$$

$$(A^2 + B^2 + C^2) = \{2^2 + (6)^2 + 3^2\} = (4 + 6 + 9) = 19$$

Question 19 :

How many electrons are there in the outermost shell of a group 16 element?

Difficulty : Moderate**Average Time : 79 Seconds****Options :**

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

Solution :

The correct answer is **option 4** i.e. **6**

Other Information-

- **Group 16** elements have **6 electrons** in their outermost orbit.
- **Group 16** elements are called chalcogens.
- The elements of the 16th group have 6 electrons in their outermost shells, the general electronic configuration of the elements of this group is ns^2np^4 .
- **Group 16** elements include oxygen, sulphur, selenium, tellurium and polonium.
- **Group 16** in the periodic table is commonly referred to as the **oxygen family**.

Question 20 :

The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups. Total number of employees of the corporate office = 2500 Study the pie chart carefully and answer the question that follows. What is the central angle (in degrees) corresponding to the age group 38+ to 48 years and 58+ years and above, taken together?

Difficulty : Moderate**Average Time : 64 Seconds****Options :**

1. 36
2. 144
3. 120
4. 108

Solution :

The correct answer is **option 2** i.e. **144**

Percentage of employees of age 38+ to 48 years = 30%

Percentage of employees of age 58+ years and above = 10%

The total central angle for a pie chart equals 360° .

Each of the sectors bears the same proportion to the central angle, as to their respective data in the question.

Central angle = Total distribution $\times 360^{\circ}$

Total distribution (38+ to 48 years and 58+ years and above) = 30 + 10 = 40%

Central angle = $(40/100) \times 360^{\circ} = 144^{\circ}$

Question 21 :

Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. K

__ N L _ N K _ N _ L N K _ M _ L M _

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. L, M, M, M, K, L, K, N
2. L, M, M, K, K, L, N, N
3. L, M, M, K, K, L, N, N
4. L, M, M, K, K, M, K, N

Solution :

The correct answer is **option 1** i.e. **L, M, M, M, K, L, K, N**.

The sequence is – **L, M, M, M, K, L, K, N**

Given sequence: K __ N L _ N K _ N _ L N K _ M _ L M _

Option 1: L, M, M, M, K, L, K, N.

K L M N / L M N K / M N K L / N K L M / K L M N

Option 1 forms a particular pattern.

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

Question 22 :



Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it 7 9 5 3 8 ? 28 81 50

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 9

2. 5

3. 7

4. 8

Solution :

The correct answer is **Option 1** i.e. 9

The logic used here is:

Row 1: $(7 \times 3) + 7 = 21 + 7 = 28$

Row 2: $(9 \times 8) + 9 = 72 + 9 = 81$

Row 3: $(5 \times a) + 5 = 50$

$a = 9$

Hence, the correct answer is 9.

Question 23 :

If GATE is coded as QKDO, then PLAN will be coded as:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. VFXX

2. FVKX

3. ZVXX

4. ZVKX

Solution :

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



The logic used here is:

GATE is coded as QKDO

$$G + 10 = Q$$

$$A + 10 = K$$

$$T + 10 = D$$

$$E + 10 = O$$

Similarly;

Code for the word PLANS:

$$P + 10 = Z$$

$$L + 10 = V$$

$$A + 10 = K$$

$$N + 10 = X$$

Hence, **option 4** is the correct answer.

Question 24 :

In a certain code language, 3224 means 'Taj is in Agra', and 4245 means 'Agra is near Delhi'. Which of the following is the code for 'I like all fruits'?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. 2534
2. 2425
3. 1526
4. 1436

Solution :

The correct answer is **option 4** i.e. 1436.

The logic used here is:

3224 means 'Taj is in Agra', and 4245 means 'Agra is near Delhi'



Number of letters in the word Taj = 3

Number of letters in the word is = 2

Number of letters in the word Agra = 4

Number of letters in the word near = 4

Number of letters in the word Delhi = 5

So, the code for the phrase 'I like all fruits' is 1436.

Hence, **option 4** is the correct answer.

Question 25 :

Which of the following states became the first state in India to provide 100% tap water supply in rural areas in 2020?

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Goa
2. Kerala
3. Mizoram
4. Sikkim

Solution :

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

Other Information-

- Goa has become the first state in India to provide 100% tap water supply in rural areas in 2020.
- Goa has provided 100 per cent tap water connections in rural areas covering 2.30 lakh households.
- The Jal Jeevan Mission of the central government aims to provide piped water to all rural households by 2024.

Question 26 :

Which of the following parties supported the move for partition of Bengal?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Gadar Party
2. Forward Bloc



All India Muslim League

4. Communist Party of India

Solution :

The correct answer is **option 3** i.e. **All India Muslim League**

Other Information-

- All India Muslim League parties supported the move to **partition Bengal**.
- The decision to **partition Bengal** was announced on 19 July 1905 by Curzon, the then Viceroy of India.
- It was for the purpose of creating a Muslim majority province that it was decided to divide India's Bengal into two parts.
- **In history it is also known as Bangabhang.**
- The **All India Muslim League** was a political party in British India and the most influential force in the establishment of a Muslim state in the subcontinent.
- After the partition of India, the **All India Muslim League** was established in India under a new name, the **Indian Union Muslim League**.

Question 27 :

In Union Budget 2021-22, there is a proposal to provide liquid waste management in _____ AMRUT cities under Jal Jeevan Mission (Urban).

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. 150
2. 400
3. 500
4. 350

Solution :

The correct answer is **option 3** i.e. **500**

Other Information-

- In the Union Budget 2021-22, it is proposed to provide liquid waste management in 500 AMRUT cities under Jal Jeevan Mission (Urban).
- An outlay of Rs 2,87,000 crore over five years for Jal Jeevan Mission (Urban) – It will be launched with the objective of providing:



Tap connection to 2.86 crore households

- Universal water supply in all 4,378 urban local bodies
- Liquid Waste Management in 500 AMRUT Cities

Question 28 :

According to Economic Survey 2020-2021, India's real GDP is projected to record _____ growth in the Fiscal Year 2021-22.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. 10.8%
2. 12.3%
3. 11.0%
4. 13.5%

Solution :

The correct answer is **option 3** i.e. **11.0%**

Other Information-

- According to the **Economic Survey 2020-2021**, India's real **GDP** is estimated to grow by a record **11.0%** in the financial year 2021-22.
- According to this, India's real **GDP growth rate** will be **11 percent** and nominal **GDP growth rate** will be **15.4 percent**.
- India's Current Account Surplus to be 2% of GDP in FY2021, historical highest level after 17 years
- The Economic Survey states that **India's GDP growth rate in the financial year 2020-21 is estimated to be (-) 7.7 percent**. This has been estimated considering the sharp decline in GDP of 15.7 per cent in the first half and a meager decline of 0.1 per cent in the second half.

Question 29 :

In the context of Indian Freedom Movement, which of the following years is correctly paired with the event that took place that year?

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. 1915 – Mahatma Gandhi returned from South Africa
2. 1944 – The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British

war efforts in the 2nd World War

3. 1936 – The First Round Table Conference

4. 1945 – The All India Congress Committee met in Bombay and ratified the 'Quit India' resolution

Solution :

The correct answer is **option 1** i.e. **1915 – Mahatma Gandhi returned from South Africa**

Question 30 :

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

Difficulty : Moderate

Average Time : 47 Seconds

Options :

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

Solution :



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



Question 31 :

Select the letter cluster that can replace the question mark (?) in the following series. GHB, LMG, PQK, ?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. STN
2. TSM
3. PQE
4. ABX

Solution :

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

Given series: GHB, LMG, PQK, ?

The series follows this pattern:

$$G + 5 = L$$

$$H + 5 = M$$

$$B + 5 = G$$

$$L + 4 = P$$

$$M + 4 = Q$$

$$G + 4 = K$$

$$P + 3 = S$$

$$Q + 3 = T$$

$$K + 3 = N$$

So, the next term in the series is **STN**.

Question 32 :



Select the option that is related to the third term in the same way as the second term is related to the first term.
DOGMATIC: EQHOBVJD:: PRODUCTS:?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. RTQEWDVU
2. RTSEWDSQ
3. RTQFXDVU
4. RTQEWDWV

Solution :

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

The logic used here is:

If the position value is greater than 13, then add +2. If it is less than 13, then add +1.

DOGMATIC: EQHOBVJD

$D + 1 = E$

$O + 2 = Q$

$G + 1 = H$

$M + 2 = O$

$A + 1 = B$

$T + 2 = V$

$I + 1 = J$

$C + 1 = D$

Similarly,

PRODUCTS:?

$P + 2 = R$

$R + 2 = T$

$O + 2 = Q$



$$D + 1 = E$$

$$U + 2 = W$$

$$C + 1 = D$$

$$T + 2 = V$$

$$S + 2 = U$$

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

Question 33 :

Select the option that is related to the third number in the same way as the second number is related to the first number.

28: 729:: 32:?

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 961
2. 973
3. 824
4. 738

Solution :

The correct answer is **option 1** i.e. **961**.

The logic used here is:

28: 729

$$(28 - 1)^2 = 27^2 = 729$$

Similarly,

32:?

$$(32 - 1)^2 = 31^2 = 961$$

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

Question 34 :

Three different positions of the same nonstandard dice are shown. Which letter will be on the face opposite to the face with the letter 'Q'?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. S
2. P
3. U
4. R

Solution :

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

In the first and second dice, T is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 1: T S Q

Dice 2: T R U

So, Q is opposite to U.

Anticlockwise direction:

Dice 1: T S Q

Dice 2: T R U

So, Q is opposite to U.

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

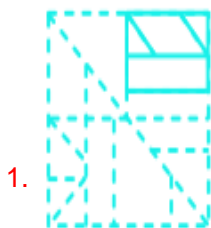
Question 35 :

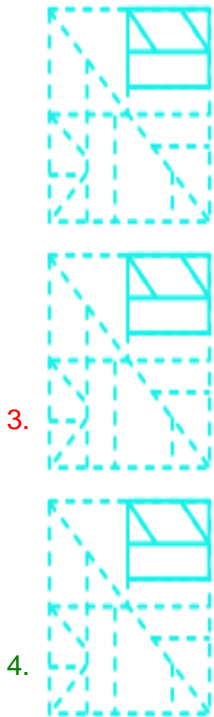
Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?

Difficulty : Moderate

Average Time : 56 Seconds

Options :





Solution :



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

In both dice, L is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 1: L O P

Dice 2: L N Q

So, O is opposite to N, P is opposite to Q, and L is opposite to M.

Anticlockwise direction:

Dice 1: L P O

Dice 2: L Q N

So, O is opposite to N, P is opposite to Q, and L is opposite to M.

So, in figure 4, none of the opposite pairs are adjacent to each other. So, figure 4 can only be obtained.

Question 36 :

The sequence of folding a piece of paper (Figure i) and the manner in which the folded paper has been cut (Figure ii) is shown in the following figures. How would this paper look when unfolded form of figures ii.

Difficulty : Moderate

Average Time : 95 Seconds

Options :



Solution :



The correct answer is **option 4**.

After unfolding, the paper will appear as follows:



Question 37 :

Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Difficulty : Moderate

Average Time : 68 Seconds

Options :

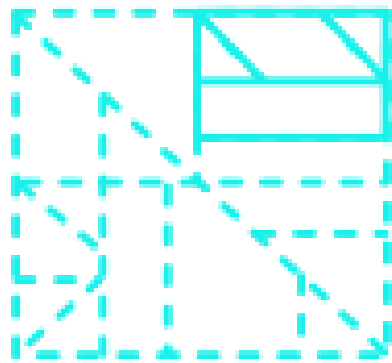
- 1.
- 2.
- 3.
- 4.

Solution :

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



The mirror image of the question figure is shown below:



Since the mirror is placed right to the question figure, the right-hand side of the original image will be now the left-hand side of the mirror image.

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

Question 38 :

While introducing Kaumudi to a guest, Mihir, a boy, says, "She is the only daughter of the brother-in-law of my mother". How is Mihir related to Kaumudi?

Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. Father
2. Paternal Uncle
3. Cousin brother
4. Brother

Solution :

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

Kaumudi is the only daughter of the brother-in-law of my mother.

It means, Kaumudi is the daughter of his paternal uncle.

So, Mihir is the cousin brother of Kaumudi.

The family tree diagram is shown below:



Hence, the correct answer is **Cousin Brother**.

Question 39 :

Radha wears five different coloured clothes, red, green, yellow, purple, and brown, on five different days of the week, from Monday to Friday. She wears red clothes on Wednesday. She does not wear green and brown clothes on Monday or Friday. She wears green clothes the next day of wearing yellow clothes. On which day does she wear brown clothes?

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. Monday
2. Tuesday
3. Friday
4. Thursday

Solution :

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

According to the question, the arrangement is as follows:

Days	Colours of clothes
Monday	Yellow
Tuesday	Green

Wednesday	Red
Thursday	Brown
Saturday	Purple

From the above arrangement, Radha wears brown clothes on Thursday.

Hence, **option 4** is the correct answer.

Question 40 :

Select the number from among the given options that can replace the question mark (?) in the following series. 2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. 422
2. 242
3. 224
4. 244

Solution :

The correct answer is **option 4** i.e. **244**.

Given series: 2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?

The series follows this pattern:

$$1. 2, 4, 10, 28, 82, ?$$

$$2 + 2 = 4$$

$$4 + (2 \times 3) = 4 + 6 = 10$$

$$10 + (6 \times 3) = 10 + 18 = 28$$

$$28 + (18 \times 3) = 28 + 54 = 82$$

$$82 + (54 \times 3) = 82 + 162 = 244$$

$$2. 31, 37, 41, 43, 47$$

Series of prime numbers starting from 31.



So, the next term in the series is **244**.

Question 41 :

Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the letter cluster that is different.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. WTR
2. WUT
3. MJH
4. SPN

Solution :

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

The logic used here is:

1st letter - 3 = 2nd letter

2nd letter - 2 = 3rd letter

Option 1: WTR

$W - 3 = T$

$T - 2 = R$

This follows the logic.

Option 2: WUT

$W - 2 = U$

$U - 2 = S$

This does not follow the logic.

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

Question 42 :

Choose the Venn Diagram that depicts the correct relationship among the given three elements: Brother, Nephew, Uncle

Difficulty : Moderate

Average Time : 53 Seconds

Options :

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

Solution :



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

The Venn Diagram that depicts the correct relationship among the given three elements:



Some brother are nephew as well as uncle.

Some nephew are uncle as well as brother.

Some uncle are brother as well as nephew.

Question 43 :

In a certain code language, 'TOMATO' is coded as 40 - 30 - 26 - 2 - 40 - 30 and 'GINGER' is coded as 14 - 18 -28 - 14 -10 - 36. How will 'GARLIC' be coded in that language?



Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. 14-2-36-24-18-6
2. 7-2-18-24-18-3
3. 7-1-36-12-9-6
4. 14-1-18-24-16-3

Solution :

The correct answer is **option 1** i.e. **14-2-36-24-18-6**.

The logic used here is:

'TOMATO' is coded as 40 - 30 - 26 - 2 - 40 - 30

$$T = 20 \times 2 = 40$$

$$O = 15 \times 2 = 30$$

$$M = 13 \times 2 = 26$$

$$A = 1 \times 2 = 2$$

$$T = 20 \times 2 = 40$$

$$O = 15 \times 2 = 30$$

Similarly;

Code for the word GARLIC:

$$G = 7 \times 2 = 14$$

$$A = 1 \times 2 = 2$$

$$R = 18 \times 2 = 36$$

$$L = 12 \times 2 = 24$$

$$I = 9 \times 2 = 18$$

$$C = 3 \times 2 = 6$$

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

Question 44 :



Which two numbers (Not Digits) need to be interchanged to make the following equation correct? $15 + 90 \div 9 \times 5 - 11 = 28$

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. 11 and 9
2. 15 and 9
3. 15 and 5
4. 9 and 5

Solution :

The correct answer is **option 2** i.e. **15 and 9**.

Given equation: $15 + 90 \div 9 \times 5 - 11 = 28$

Let us check all the options:

Option 1: 11 and 9

The expression becomes:

$$= 15 + 90 \div 11 \times 5 - 9 = 28$$

= 46.90 is not equal to 28.

Option 2: 15 and 9

The expression becomes:

$$= 9 + 90 \div 15 \times 5 - 11 = 28$$

= 28 is equal to 28.

As we have found our answer, so, there is no need of checking other options.

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

Question 45 :

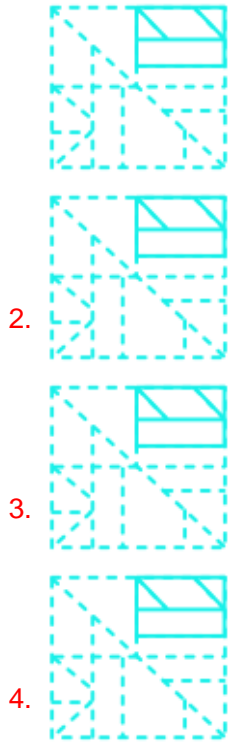
Select the option in which the given figure is embedded (rotation is NOT allowed)

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1.



Solution :



The correct answer is **option 1**.

The given figure is embedded in option 1, as shown below:



Question 46 :

In $\triangle ABC$, $AB = 7\text{cm}$, $BC = 10\text{cm}$, and $AC = 8\text{cm}$. If AD is the angle bisector of $\angle BAC$, where D is a point on BC , then $\frac{DC}{4}$ (in cm) is equal to:

Difficulty : Moderate

Average Time : 73 Seconds

Options :



$$1. \left(\frac{14}{3}\right)$$

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

$$3. \left(\frac{11}{3}\right)$$

$$4. \left(\frac{7}{3}\right)$$

Solution :

The correct answer is **option 2** i.e. $\left(\frac{4}{3}\right)$

Let the BD = x

$$DC = 10 - x$$

By angle bisector theorem -

$$BD/CD = AB/AC$$

$$x/(10 - x) = 7/8$$

$$8x = 70 - 7x$$

$$15x = 70x = 14/3 \text{ cm}$$

$$BD = 14/3$$

$$DC = 10 - 14/3 = 16/3$$

$$DC/4 = 16/12 = 4/3$$

Question 47 :

A can complete work in 25 days and B can complete the same work in 20 days. They started the work together but B left after 4 days and A continued to work. In how many days will the entire work be completed?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

$$1. 25$$

$$2. 20$$

$$3. 28$$

$$4. 22$$

Solution :



The correct answer is **option 2** i.e. **20**

Time in which A can complete the work = 25 days

Time in which B can complete the work = 20 days

Time for which B worked = 4 days

Total work = L.C.M of 20 and 25 = 100 units

Amount of work done by A in one day = $100/25 = 4$ units

Amount of work done by B in one day = $100/20 = 5$ units

Total work done by both of them in four days = $(4 \times 4 + 5 \times 4) = 16 + 20 = 36$

Remaining work = $100 - 36 = 64$ units

Remaining work is done by A alone in = $64/4 = 16$ days

Total time taken to complete the work = $16 + 4 = 20$ days

Question 48 :

What is the greater four-digit number which on being divided by 6,7 and 8 leaves 4,5 and 6 as remainders, respectively?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. 9910
2. 9920
3. 9921
4. 9912

Solution :

The correct answer is **option 1** i.e. **9910**

Greatest four-digit number = $9999 - \text{remainder} - \text{common remainder}$

Greatest four-digit number = 9999

LCM of 6, 7, and 8 = 168



Common remainder = $(6 - 4) = (7 - 5) = (8 - 6) = 2$

We will find the remainder for the division of 9999 by 168.

Remainder = 87

Greatest four-digit number = $9999 - 87 - 2 = 9910$

Question 49 :

Select the number from among the given options that can replace the question mark (?) in the following series. 39, 53, 69, 87, ?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. 99
2. 107
3. 92
4. 115

Solution :

The correct answer is **option 2** i.e. **107**.

Given series: 39, 53, 69, 87, ?

The series follows this pattern:

$$39 + 14 = 53$$

$$53 + 16 = 69$$

$$69 + 18 = 87$$

$$87 + 20 = 107$$

So, the next term in the series is **107**.

Question 50 :

Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation. $15 * 1411 * 83 * 137 * 218 * 100$

Difficulty : Moderate

Average Time : 39 Seconds

Options :



x, ÷, =, +,

2. **x, =, , ÷, +**

3. **+, , x, =, ÷**

4. **x, +, ÷, , =**

Solution :

The correct answer is **option 1** i.e. **x, ÷, =, +,**

Given equation: $15 * 1411 * 83 * 137 * 218 * 100$

Let us check all the options:

Option 1: **x, ÷, =, +, -**

The expression becomes:

$$= 15 \times 1411 \div 83 = 137 + 218 - 100$$

$$= 255 \text{ is equal to } 255.$$

As we have found our answer, so, there is no need of checking other options.

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

Question 51 :

Who among the following became the first Indian to win the 'Best Actor' award at the Norwegian National Awards ceremony held in Haugesund, Norway in 2018?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. **Ranvir Shorey**

2. **Nawazuddin Siddique**

3. **Ram Kapoor**

4. **Adil Hussain**

Solution :

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

Other Information-



Adil Hussain became the first Indian to win the '**Best Actor**' award at the Norwegian National Awards ceremony held in Haugesund, Norway in 2018.

- Adil Hussain has been given the Norwegian National Award for the film '**What Will People Say**'.
- He has acted in international films such as '**The Reluctant Fundamentalist**' and 'Life of Pi' (both released in 2012) and the film 'What Will People Say'.

Question 52 :

Which of the following symmetries is exhibited by arthropods?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Axial
2. Translational
3. Radial
4. Bilateral

Solution :

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

Other Information-

- **Radial symmetry is exhibited by arthropods.**
- When any plane passing through the central axis of the body divides the organism into two equal halves, it is called radial symmetry.
- Also called radial symmetry, actinomorphic, linear or regular.

Question 53 :

Who among the following wrote 'India Wins freedom'?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Jawaharlal Nehru
2. Abul Kalam Azad
3. Jaswant Singh
4. Rajendra Prasad

Solution :

The correct answer is **option 2** i.e. **Abul Kalam Azad**

Other Information-

- **Abul Kalam Azad** wrote '**India Wins Freedom**'.
- **Maulana Abul Kalam Azad** or **Abul Kalam Ghulam Muhiyuddin** was a famous Indian Muslim scholar.
- He was a poet, writer, journalist and Indian freedom fighter.
- In 1923, he became the youngest President of the Indian National Congress.
- The book "**India Wins Freedom**" was published in the year 1959.
- This book was based on the independence of India.

Question 54 :

In the flocculation method of water treatment _____ chemical is added to water.

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

1. **electro-neutral**
2. **low negatively charged**
3. **positively charged**
4. **high negatively charged**

Solution :

The correct answer is **option 3** i.e. **positively charged**

Question 55 :

The Right of Children to Free and Compulsory Education Act or Right to Education (RTE) Act is an Act of the Parliament of India enacted in the year _____.

Difficulty : Moderate**Average Time : 37 Seconds****Options :**

1. **2009**
2. **2012**
3. **2005**
4. **2007**

Solution :



The correct answer is **option 1** i.e. **2009**

Other Information-

- The Right of Children to Free and Compulsory Education Act or the Right to Education (RTE) Act is an Act of the Parliament of India that was enacted in the year 2009.
- The Right of Children to Free and Compulsory Education Act, popularly known as the Right to Education Act came into force from 1 April 2010.
- The RTE Act was passed by the Parliament of India on 4th August 2009 after the approval of the Rajya Sabha on 2nd July 2009 and by the Cabinet Ministry on 20th July 2009.
- Under this Act, out of about 22 crore children of 6-14 years, 92 lakh (4.6%) children do not go to school, for whose education Rs 1.71 lakh crore will be required in 5 years. Out of which the Finance Commission will give Rs 25,000 crore to the states.

Question 56 :

In which of the following cities was the 2020 Asian Wrestling Championships held?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. New Delhi
2. Tokyo
3. Beijing
4. Colombo

Solution :

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

Other Information-

- **The 2020 Asian Wrestling Championship was held in New Delhi.**
- The **Asian Wrestling Championship, 2020** was held at the Indira Gandhi Arena, New Delhi from February 18-23, 2020.
- Japan topped the medal tally with a total of 16 medals including 8 gold, 4 silver and 4 bronze medals.
- In the championship, India secured the third position with a total of 20 medals including 5 gold, 6 silver and 9 bronze medals.

Question 57 :

As per Union Budget for 2021–22, interest earned on Provident Fund contribution above _____ lakhs in a year will become taxable.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. ₹11.5
2. ₹11
3. ₹12
4. ₹12.5

Solution :

The correct answer is **option 4** i.e. ₹12.5

Other Information-

- As per the **Union Budget for 2021-22**, interest earned on provident fund contributions above **Rs 2.5 lakh** in a year will become taxable.
- Interest earned on employee's contribution to provident fund account will be taxed if the contribution amount exceeds Rs 2.5 lakh in a financial year.
- In the 2020 budget, the tax exemption on employer's contribution to PF, NPS and superannuation fund has been raised by the finance ministry to over Rs 7.5 lakh per annum.
- In the budget, an expenditure of Rs 2,23,846 crore has been kept in health and welfare in the financial year 2021-22, while it was Rs 94,452 crore in 2020-21. This shows an increase of 137 percent.

Question 58 :

What do you call the weight a soil can withstand before severe damage occurs to the structure of the soil?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. Field capacity
2. Bearing capacity
3. Bulk density
4. Buffering capacity

Solution :

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

Question 59 :

Who was the chairman of the House Committee of the Constituent Assembly of India?



Difficulty : Moderate

Average Time : 33 Seconds

Options :

1. B Pattabhi Sitaramayya
2. AV Thakkar
3. JB Kripalani
4. KM Munsu

Solution :

The correct answer is **option 1** i.e. **B Pattabhi Sitaramayya**

Other Information-

- **B Pattabhi Sitaramayya** was the Chairman of the House Committee of the Constituent Assembly of India.
- Former President of the Indian Congress, eminent teacher and lecturer of Gandhiabad, was a writer of high quality.
- After India's independence, he was the governor of the state of Madhya Pradesh from 1952 to 1957.
- **Sitaramayya** was also known as a writer. He also wrote a history of the '**Indian National Congress**'.

Question 60 :

Which of the following festivals is held on a new moon day?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Mahavir Jayanti
2. Kali Puja
3. Dussehra
4. Holi

Solution :

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

Other Information-

1. The **Kali Puja festival** takes place on the new moon day.
2. It is a Hindu festival celebrated in Eastern India, mainly in Bengal, Tripura, Odisha, and Assam.
3. Dedicated to the Hindu goddess Kali, this festival is celebrated on the new moon day of the month of Kartik.



4. On this day, the festival of Deepawali and Lakshmi Puja is celebrated all over India.

5. It is believed that on this day Goddess Kali appeared with **64,000 Yoginis**.

Question 61 :

A 'Nattuvanar' conducts a _____ dance recital.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Kuchipudi
2. Odissi
3. Kathak
4. Bharatanatyam

Solution :

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

- A '**Nattuvanar**' conducts the **Bharatanatyam dance** recital.
- **Bharatanatyam or Sathir Attam** is a classical dance form primarily from **South India**.
- This dance was developed and spread by Devadasis in Tamil Nadu.
- Nattuvanar was a master and choreographer, and also a cymbal player.
- Bharatanatyam was performed by some families of the Tanjore district and their successors were known as '**Nattuvanar**'.

Question 62 :

What was the estimated national mortality rate of children under the age of five in the country as per the Census of India 2011?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 34
2. 55
3. 76
4. 13

Solution :

The correct answer is **option 2** i.e. **55**.

Other Information-

- According to the Census of India 2011, the estimated national under-five mortality rate in the country was 55.
- The maternal mortality rate in India has declined by 16 points from 113/100,000 live births in 2016-18 to 97/100,000 live births in 2018-20.
- As per the report 2020, India's under-5 mortality rate has come down from 35 per 1,000 live births in 2019 to 32 per 1,000 live births in 2020.

Question 63 :

Nitrogen is a _____ element.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. diatomic
2. tetra-atomic
3. poly-atomic
4. monoatomic

Solution :

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

Other Information-

- **Nitrogen is a diatomic element.**
- It is a chemical element with the symbol N.
- Nitrogen gas is a diatomic molecule consisting of two N atoms. Hence, it occurs as **N₂**.
- **Its atomic number is 7.**
- About 78% of the Earth's atmosphere is found in nitrogen.

Question 64 :

Actor _____ was conferred with the 'Lifetime Achievement' award at the Filmfare Awards 2021.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Irrfan Khan
2. Amitabh Bachchan



Dharmendra

4. Rishi Kapoor

Solution :

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

Other Information-

- In the ceremony, late actor **Irrfan Khan** was awarded the title of Best Actor for the film *Angrezi Medium*. Also honored with the **Lifetime Achievement Award**.
- Irfan Khan died on April 29 last year due to a prolonged illness of cancer.
- At the same time, Taapsee Pannu won the Best Actress Award for her film *Thappad*.

Question 65 :

As of 2021, who is the reigning Olympic Men's Field Hockey champion?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Belgium
2. Germany
3. Argentina
4. Holland

Solution :

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

Other Information-

- **Argentina has been the reigning Olympic men's field hockey champion until 2021.**
- Field hockey was introduced to the Olympic Games as a men's competition at the 1908 Games in London.
- The Indian team defeated Rio Olympic gold medalists Argentina 3-1 to enter the quarter-finals of the men's hockey event at the Tokyo Olympics.

Question 66 :

The fine for extinguishing public lamps may extend to _____ as per Section 141 of The Electricity Act, 2003.

Difficulty : Moderate

Average Time : 50 Seconds

Options :



â,12,000

2. â,13,000

3. â,12,500

4. â,15,000

Solution :

The correct answer is **option 1** i.e. â,12,000

Other Information-

- **Under Section 141 of the Electricity Act, 2003, the penalty for extinguishing a public lamp can be up to Rs 2,000.**
- The main objective of the **Electricity Act-2003** was to take favorable measures for the development of electricity industry.
- According to the present system, FIR under Section-135, 138 to 141 and Section 150 of the Electricity Act 2003 in connection with the prevention of electricity theft in the districts will be registered at the police station related to the place of electricity theft as before and the investigation of these charges will also be related. It will be done at the police station itself.
- Under **section 141**, whoever, maliciously extinguishes any public lamp, shall be punished with fine which may extend to two thousand rupees.

Question 67 :

Ozone is a molecule made up of _____ oxygen atoms.

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. four

2. two

3. one

4. three

Solution :

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

Other Information-

- **Ozone is a molecule made of three oxygen atoms.**



Which is denoted by **O₃**.

- Ozone (OZONE, O₃) is a gas made up of three atoms of oxygen, which is found in very small amounts (0.02%) in the atmosphere.
- Ozone is formed when ultraviolet rays break down oxygen molecules in the upper atmosphere. If a free oxygen molecule goes to an oxygen molecule, then these three oxygen molecules combine to form ozone or O₃ (O₃).

Question 68 :

Which of the following varnas was responsible for protecting people and administering justice in ancient India as per rules laid down by the Dharmasutras and Dharmashastras?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Vaishya
2. Shudra
3. Kshatriya
4. Brahmana

Solution :

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

Other Information-

- The Kshatriya Varna was responsible for protecting the people and administering justice in ancient India according to the rules laid down by the Dharmasutras and Dharmashastras.
- In Dharmasutras, there is a law of Varnashram-religion, personal conduct, duties of king and subjects, etc.
- Dharmashastra is a class of Sanskrit texts, which is a type of scripture. All memories are included in this.
- Kshatriya is one of the four varnas of Hindu society.
- The duties of the Kshatriyas were to fight, to provide protection to the people, to do justice, to read the Vedas, to perform Yagya, and to give charity.

Question 69 :

Name the river whose origin is in a spring at Verinag (Kashmir).

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Ganga
2. Jhelum

Godavari

4. Sutlej

Solution :

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

- The Jhelum River rises in spring at Verinag in the southeastern part of Kashmir.
- Jhelum is a river flowing in northern India.
- Vitasta is the real name of the Jhelum River.
- The length of the Jhelum River is 725 km.

Question 70 :

Select the correct passive voice of the given sentence. She has read all the plays of Shakespeare.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. All the plays of Shakespeare are read by her.
2. All the plays of Shakespeare have been read by her.
3. All the plays of Shakespeare had been read by her.
4. All the plays of Shakespeare were read by her.

Solution :

The correct answer is **option 2** i.e. **All the plays of Shakespeare have been read by her**.

- The subject of the sentence is '**She**' and the verb is '**has read**' whereas the object is '**all the plays**'.
- In passive voice the subject will become the object and the vice versa.

Hence, the correct sentence is-

All the plays of Shakespeare have been read by her.

Question 71 :

Select the most appropriate ANTONYM of the given word. Devious

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Dishonest

Crooked

3. Crafty

4. Sincere

Solution :

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

- The meaning of '**devious**' is '**clever but not honest**'.
 - The meaning of the options are as follows-
1. **Dishonest**- that you cannot trust.
 2. **Crooked**- not straight or even.
 3. **Crafty**- clever at getting or achieving things by using unfair or dishonest methods.
 4. **Sincere**- really meaning or believing what you say.

Clearly, the correct antonym is-

Sincere

Question 72 :

Select the most appropriate synonym of the given word. Threshold

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. stairs
2. exit
3. window
4. doorway

Solution :

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

- The meaning of '**threshold**' is '**the ground at the entrance to a room or building**'.
 - The meaning of the options are as follows-
1. **stairs**- a series of steps inside a building that lead from one level to another.
 2. **exit**- a door or way out of a public building or vehicle.
 3. **window**- the opening in a building, car, etc.
 4. **doorway**- an opening filled by a door leading into a building, room, etc.



Clearly, the correct synonym is-

doorway

Question 73 :

Select the most appropriate ANTONYM of the given word. OCCUPIED

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Late
2. Free
3. Vast
4. New

Solution :

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

- The meaning of the options are as follows-

1. **Late**- After the usual or proper time.
2. **Free**- Not held or controlled.
3. **Vast**- Extremely big.
4. **New**- That has recently been built.

- The meaning of the word '**occupied**' is '**busy and active**'.

Hence the correct antonym is-

Free

Question 74 :

Select the option that expresses the given sentence in indirect speech. "Please allow me to leave now," Ritika said to her teacher.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Ritika requested my teacher to allow her to leave now.
2. Ritika requested her teacher to allow her to leave then.



Ritika requested her teacher to allow me to leave now.

4. Ritika requested her teacher to allow me to leave then.

Solution :

The correct answer is **option 2** i.e. **Ritika requested her teacher to allow her to leave then.**

- The above speech is an **imperative sentence**.
- The reported verb used will be '**requested**' as '**please**' is used.
- Adverb '**now**' will be changed to '**then**'.

Hence, the correct sentence is-

Ritika requested her teacher to allow her to leave then.

Question 75 :

Select the option that can be used as a one-word substitute for the given group of words. A seat for a passenger on a bicycle or motorbike.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Pillion
2. Girdle
3. Bridle
4. Cushion

Solution :

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

- **The meaning of the options are as follows-**

1. **Pillion-** A seat for a passenger behind the driver on a motorbike.
2. **Girdle-** A belt or cord worn round the waist.
3. **Bridle-** The leather straps that you put on a horse's head so that you can control it when you are riding it.
4. **Cushion-** A bag filled with soft material.

Hence, the correct answer is-

Pillion

Question 76 :



Select the option that expresses the given sentence in passive voice. You could put your money to good use.

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Your money is being put to good use.
2. Your money could have been put to good use.
3. Your money could be put to good use.
4. Your money has been put to good use.

Solution :

The correct answer is **option 3** i.e. **Your money could be put to good use.**

- The sentence uses '**could**' which is a past tense and the object '**your money**' will become the subject in passive voice.
- The following structure will be followed-

1. Object+be+V3+Subject

Hence the correct sentence is-

Your money could be put to good use.

Question 77 :

The following sentence has been split into four segments. Identify the segment that contains a grammatical error. There have been / three breaks-in / in our society / this month.

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. three breaks-in
2. this month
3. in our society
4. There have been

Solution :

The correct answer is **option 1** i.e. **three breaks-in**



'Break in' is a noun that means 'forced entry to steal'.

- 'Three' is plural hence, we need to use **plural form of 'break-in'** i.e. '**break-ins**' will be used.

Hence, the correct sentence is-

There have been three break-ins in our society this month.

Question 78 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. I shall certainly write to you when I shall reach Bengaluru.

Difficulty : Moderate

Average Time : 57 Seconds

Options :

- No substitution required
- I reach
- I reached
- I am reaching

Solution :

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

- In the given sentence the conjunction of '**When**' is used, which is used for **time**.
- There are two clauses in the sentence and in the first clause '**future tense**' is used so, in the other clause '**present tense**' will be used.
- Also in the sentence instead of '**I shall reach**' '**I reach**' will be used.

Hence, the correct sentence is-

I shall certainly write to you when **I reach** Bengaluru.

Question 79 :

Select the option that can be used as a one-word substitute for the given group of words. One who knows everything

Difficulty : Moderate

Average Time : 60 Seconds

Options :

- Experienced
- Omniscient
- Invincible



Naïve

Solution :

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

- **The meaning of the options are as follows-**

1. **Experienced-** Made skillful or wise through experience.
2. **Omniscient-** Knowing everything.
3. **Invincible-** Too strong or powerful to be defeated.
4. **Naïve-** Without enough experience of life and too ready to believe or trust other people.

Hence, the correct answer is-

Omniscient

Question 80 :

Select the most appropriate option to fill in the blank. All the guests were shocked at his _____ laughter.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Unrecognised
2. Unrestrained
3. Unresolved
4. Unremarkable

Solution :

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

- **The meaning of the options are as follows-**

1. **Unrecognised-** Not identified from previous encounters or knowledge.
2. **Unrestrained-** Not restrained or restricted.
3. **Unresolved-** Not yet solved, answered or concluded.
4. **Unremarkable-** Not particularly interesting or surprising.

- Hence, as per the meaning of the options the correct answer is '**Unrestrained**'.

Clearly, the correct answer is-



Unrestrained

Question 81 :

Select the most appropriate meaning of the given idiom. Easy money

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Collect someone's cash for them easily
2. Work hard to earn a large salary without telling anyone
3. Have no difficulty in collecting money that is due
4. Make money without much effort, maybe illegally

Solution :

The correct answer is **option 4** i.e. **Make money without much effort, maybe illegally**

- The meaning of the idiom 'Easy money' is 'money obtained by dubious means or little work'.

Hence, the correct answer is-

Make money without much effort, maybe illegally.

Question 82 :

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'. While the online class was going on, they had to keep their cameras on.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. No substitution required
2. have kept their cameras on
3. are keeping their camera on
4. had keep the camera on

Solution :

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

- 'Had to' used in the sentence is **correct**. Since its a **modal verb** which means 'to say something that is obligatory'.



'Keep' is the main verb.

- Hence, the sentence doesn't require any substitution.

Clearly, the correct sentence is-

While the online class was going on, they had to keep their cameras on.

Question 83 :

Select the most appropriate synonym of the given word. Perjury

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Melancholy
2. Frankness
3. Penury

Solution :

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

- The meaning of the options are as follows-
1. **Melancholy**- A feeling of sadness which lasts for a long time.
 2. **Frankness**- The quality of being honest.
 3. **Penury**- The state of being very poor.
 4. **Falsehood**- The state of being untrue.

Clearly, the correct synonym is-

Falsehood

Question 84 :

Select the most appropriate meaning of the given idiom.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. To stop talking to someone
2. To end a quarrel



To bury old things

4. To fight with someone

Solution :

The correct answer is **option 2** i.e. **To end a quarrel**

- The given idiom '**To bury the hatchet**' means '**to end a quarrel**'.

Clearly the correct answer is-

To end a quarrel

Question 85 :

The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Nowadays, common people take / interest in the manner / in which / they were governed.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. they were governed
2. Nowadays common people take
3. interest in the manner
4. in which

Solution :

The correct answer is **option 1** i.e. **they were governed**

- In the above sentence the usage of '**Nowadays**' shows **present tense**. Hence, the total sentence should be in **present tense**.
- Therefore, the use of '**were governed**' is wrong and instead '**are governed**' should be used.

Hence, the correct sentence is-

Nowadays, common people take interest in the manner in which they are governed.

Question 86 :

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. But instead of asking the guest to rest, he said, "I have arranged to take you for Shikar." B. The host welcomed him warmly. C. At last he arrived at the beautiful city. D. Great preparations were made for Amir of Isfahan's journey to Shiraz.

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. CADB
2. DCBA
3. DCAB
4. BDCA

Solution :

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

- In the above passage all the sentences talk about **Amir**.
- The first statement is a **general statement** which in this case is **D**.
- The next will be **C** as it tells finally he arrived to the city.
- **C** will be followed by **B** as it tells that he was welcomed by the hosts.
- The concluding part will be **A** as it tells how instead of being asked to rest he was given a contrast option.

Clearly, the correct paragraph is-

Great preparations were made for Amir of Isfahan's journey to Shiraz. At last he arrived at the beautiful city. The host welcomed him warmly. But instead of asking the guest to rest, he said, "I have arranged to take you for Shikar."

Question 87 :

The following sentence has been split into four segments. Identify the segment that contains a grammatical error. He / can have been / more polite / to her.

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. more polite
2. He
3. to her
4. can have been

Solution :

The correct answer is **option 4** i.e. **can have been**

The above sentence is in **passive voice** structure.

- In this structure '**have been**' after a modal verb is incorrect, instead '**can**' will be used.
- The structure will be like '**can+be+V3**'.
- '**Can**' is used when someone knows how to.

Hence, the correct sentence is-

He **can be** more polite to her.

Comprehension :

Directions: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

Question 88 :

Select the most appropriate option to fill in blank no.1

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. rose
2. arose
3. rise
4. arises

Solution :

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

- Since the sentence is in **present tense**. Hence, the verb will be used in the base form.
- The meaning of '**arises**' means '**to happen**'.
- The given sentence talks about something that happens every year.

Hence the correct answer is-

arises

Comprehension :

Directions: In the following passage, some words have been deleted. Read the passage carefully and select the most

appropriate option to fill in each blank. Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

Question 89 :

Select the most appropriate option to fill in blank no.2

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. donations
2. awards
3. gifts
4. rewards

Solution :

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

- The sentence talks about something that happens every year after the announcement.
- The meaning of '**award**' is '**a prize, etc**'.

Hence the correct answer is-

awards

Comprehension :

Directions: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

Question 90 :

Select the most appropriate option to fill in blank no.3

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Illustrations

Representations

3. Delegations

4. Exhibitions

Solution :

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

- The meaning of ' **Illustrations**' is '**the act of describing information**'.
- The sentence talks about the image but forward to the ministers.

Hence, the correct answer is-

Illustrations

Comprehension :

Directions: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

Question 91 :

Select the most appropriate option to fill in blank no.4

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. **interventions**
2. **intersections**
3. **interjections**
4. **intermissions**

Solution :

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

- The sentence talks about the **illustration and the involvement of politics in the awards**.
- The meaning of '**intervention**' is '**involvement**'.

Hence, the correct answer is-



interventions

Comprehension :

Directions: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

Question 92 :

Select the most appropriate option to fill in blank no.5

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. jest
2. game
3. sport
4. line

Solution :

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

- The sentence talks about the **happenings behind the scenes** in these awards.

Hence, the correct answer is-

game

Question 93 :

A railway engine passes two bridges of lengths 400 m and 235 m in 100 seconds and 60 seconds, respectively. Twice the length of the railway engine (in m) is:

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. 24
2. 25
3. 12.5



12

Solution :

The correct answer is **option 2** i.e. **25**

Given:

Length of the two bridges are 400 m and 235 m

Time taken to cover the two bridges = 100 sec and 60 sec

Concept Used:

Speed = Distance/Time

When a train covers a bridge then it will cover the length of its own and the length of that bridge.

Explanation:

Let the length of the engine be X m.

According to the question -

$$(400 + X)/100 = (235 + X)/60$$

$$(400 + X)/5 = (235 + X)/3$$

$$1200 + 3X = 1175 + 5X$$

$$1200 - 1175 = 5X - 3X$$

$$2X = 25$$

$$X = 25/2$$

Length of the engine = 25/2 m

Hence two times the length of the engine = $(25/2) \times 2 = 25$ m

Question 94 :

The expression $(\cos^6 + \sin^6 - 1)(\tan^2 + \cot^2 + 2) + 1$ is equal to:

Difficulty : Moderate**Average Time : 68 Seconds****Options :**

1. 1

2. -3



0

4. -1

Solution :The correct answer is **option 2** i.e. -3

$$(\cos^6 + \sin^6 - 1)(\tan^2 + \cot^2 + 2)$$

$$\text{Put } = 45^\circ$$

$$(\cos^6 45^\circ + \sin^6 45^\circ - 1)(\tan^2 45^\circ + \cot^2 45^\circ + 2)$$

$$= [(1/2)^6 + (1/2)^6 - 1](1 + 1 + 2)$$

$$= (1/8 + 1/8 - 1)(4)$$

$$= 4(-3/4)$$

$$= -3$$

Question 95 :

The sides AB and AC of $\triangle ABC$ are produced to points D and E, respectively. The bisectors of CBD and BCE meet at P. If $A = 88^\circ$ then the measure of P is:

Difficulty : Moderate**Average Time : 57 Seconds****Options :**1. 46° 2. 56° 3. 51° 4. 61° **Solution :**The correct answer is **option 1** i.e. 46°

The sides AB and AC of $\triangle ABC$ are produced to points D and E, respectively. The bisectors of CBD and BCE meet at P.

$$A = 88^\circ$$

P is the point where bisectors of the $\triangle DBC$ and $\triangle BCE$ meet.

$$P = 1/2(180^\circ - \angle BAC)$$

$$P = \frac{1}{2}(180^\circ - 88^\circ)$$

$$P = \frac{92}{2} = 46^\circ$$

Question 96 :

If $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$, then the value of $(a - b - 7c)$ is:

Difficulty : Moderate**Average Time : 55 Seconds****Options :**

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

Solution :

The correct answer is **option 3** i.e. **2**

$$a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$$

$$a^2 + b^2 + 49c^2 + 18 = 2b - 56c - 2a$$

$$a^2 + b^2 + 49c^2 + 18 - 2b + 56c + 2a = 0$$

$$a^2 + 2a + 1 + b^2 - 2b + 1 + 49c^2 + 56c + 16 = 0$$

$$(a + 1)^2 + (b - 1)^2 + (7c + 4)^2 = 0$$

Now the above equation is 0, only when -

$$a + 1 = 0, b - 1 = 0, 7c + 4 = 0$$

$$a = -1, b = 1, c = -4/7$$

$$(a - b - 7c) = (-1) - (1) - 7(-4/7) = -2 + 4 = 2$$

Question 97 :

The given bar graph shows exports of cars of type A and B (in Rs million) from 2014 to 2018. Study the graph and answer the question that follows. In which year are the exports of cars of type A is Rs 20 million more than the average exports (per year) of cars of type B?

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

**Options :**

1. 2015
2. 2014
3. 2016
4. 2017

Solution :

The correct answer is **option 3** i.e. **2016**

Average = Sum of all the observations/Total number of observations

Average export of cars of type B = $(225 + 250 + 200 + 275 + 325)/5 = 1275/5 = 255$

Export of cars of type A in 2016 = 275

Required difference = $275 - 255 = 20$

Thus, the exports of cars of type A is Rs 20 million more than the average exports (per year) of cars of type B in 2016.

Question 99 :

The circumference of the base of a right circular cylinder is 62.8 cm and its volume is 8792cm², What is the curved surface area (in cm²) of the cylinder? (Take $\pi = 3.14$)

Difficulty : Moderate**Average Time : 51 Seconds****Options :**

1. 1695.6
2. 1758.4
3. 1632.8
4. 1570.2

Solution :

The correct answer is **option 2** i.e. **1758.4**

Circumference of cylinder = 62.8 cm

The volume of cylinder = 8792 cm²

Circumference of the circular base (C) = 2r

$r = C/2$

Substituting the values -

$$r = 62.8/2(3.14) = 10 \text{ cm}$$

$$\text{Volume} = r^2h$$

$$\text{Curved surface area} = 2(\text{Volume}/\text{Radius}) = 2(8792/10) = 1758.4 \text{ cm}^2$$

Question 100 :

The average of eight consecutive odd numbers is 28. The sum of the smallest and the largest number is:

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. 45

2. 52

3. 48

4. 56

Solution :

The correct answer is **option 4** i.e. **56**

Given:

Average of eight consecutive odd numbers = 28

Concept Used:

Average of eight consecutive odd numbers = Sum/8

Explanation:

Let us assume the first odd number as $(n - 7)$.

Other consecutive odd numbers would be $(n - 5)$, $(n - 3)$, $(n - 1)$, $(n + 1)$, $(n + 3)$, $(n + 5)$, and $(n + 7)$.

$$\text{Sum} = (n - 5) + (n - 3) + (n - 1) + (n + 1) + (n + 3) + (n + 5) + (n + 7) = 8n$$

Average of eight consecutive odd numbers = $8n/8$

$$8n/8 = 28$$

$$n = 28$$

Largest odd number = $n + 7 = 28 + 7 = 35$



Smallest odd number = $n - 7 = 28 - 7 = 21$

Hence, Sum of largest and smallest odd number = $35 + 21 = 56$

Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2022-04-18 in the Afternoon exam is as follows:

1. 99 questions were moderate.
2. The safe score is 140 marks.
3. 25 questions were asked from English Language, 24 questions were asked from Quantitative Aptitude, 25 questions were asked from Logical Reasoning and 25 questions were asked from General Awareness
4. 13 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

English Language

1. Spotting Error - 4
2. Parajumbles - 1
3. Idioms - 2
4. One Word Substitution - 3
5. Spellings - 1
6. Voice - 2
7. Sentence Improvement - 1
8. Synonym - 2
9. Antonym - 2
10. Filler (Vocab) - 1
11. Filler (Grammar) - 4
12. Incorrectly Spelt - 2
13. Incorrectly Spelt - 2

Quantitative Aptitude

1. Simplification - 1
2. Average - 1

- Data Interpretation - 4
- 4. Time And Work - 2
- 5. Time Speed And Distance - 1
- 6. Ratios And Proportion - 1
- 7. Geometry - 3
- 8. Trigonometry - 3
- 9. Mensuration - 1
- 10. Algebra - 2
- 11. Number System - 3
- 12. Profit And Loss - 2

Logical Reasoning

- 1. Coding Decoding - 3
- 2. Analogy - 2
- 3. Classification - 1
- 4. Syllogism - 1
- 5. Dictionary Based - 1
- 6. Figure Based - 3
- 7. Matrix - 1
- 8. Series - 4
- 9. Mathematical Reasoning - 3
- 10. Cubes And Dice - 2
- 11. Seating Arrangement And Puzzle - 4

General Awareness

- 1. Art And Culture - 25

Ssc Cgl Tier I Previous Year Question Paper Tips and Tricks



1. Try to solve Ssc Cgl Tier I Previous Year Question Paper without taking any help from the solutions.
2. Ssc Cgl Tier I 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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- [Exam Results](#)
- [Exam Cutoff](#)
- [Exam Eligibility](#)
- [Exam Pattern](#)





[Answer Key](#)
[Important Days](#)

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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 I Previous Year Question Paper. She has guided her team to provide the best explanation for the question.