Rrb Ntpc CBT - 2 Previous Year Question Paper Overview

Here, you can solve all the questions asked in Rrb Ntpc CBT - 2 Previous Year Question Paper on 2022-05-09 in the Evening exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Rrb Ntpc CBT - 2 exam. There are 120 questions in the exam and 90 minutes are provided for the Rrb Ntpc CBT - 2 exam. The Cutoff of the exam was 78 marks hence you should try to score at least 88 marks.

Rrb Ntpc CBT - 2 Previous Year Question Paper : Questions and Solutions

Question 1 :

Mr . Akhil invested Rs 13,500 in FD .How much will he get on maturity , if he invested it at 20% per annum compound interest for 6 months , compounded quarterly ?

Difficulty : Moderate   Average Time : 45 Seconds

Options :

1. Rs 14,883.35
2. Rs 14,883.75
3. Rs 14,883.5
4. Rs 14,883

Solution :

The correct answer is **option 2** i.e. **Rs 14,883.75**

p = Rs 13,500

r = 20% per annum = 5% (compounded quarterly)

time = 2 quarter year   (compounded quarterly)

formula used -

$a = p (1 + r/100)^t$

$a = 13,500 (1 + 5/100)^2$

a = 1350 × 441 / 400 = **14,883.75**

Question 2 :
The mode of the data 3,12,4,6,8,5,4 is :

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

Options :

1. 5
2. 8
3. 4
4. 3

Solution :
The correct answer is **option 3** i.e. **4**

to find out mode we should Arrange the numbers in an order. Then the number which appears most often is the mode .

arrenge the number = 3, 4, 4, 5, 6, 8, 12

the number 4 is repeted more time among these number

so mode is 4 .

Question 3 :
Mr . Ayush bprrowed Rs 3000 at 5% per annum compound interest . The compound interest compounded annually for 2 years is :

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

Options :

1. Rs 370.5
2. Rs 307.5
3. Rs 3307.5
4. Rs 3370.5

Solution :

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The correct answer is **option 2** i.e.**Rs 307.5**

p = 3000

r = 5%

t = 2 years

we know that -

a = p (1 + r/100)

a = 3000 (1 + 5/100)^2

= 3000 (441 / 400)

= 3307.5

we know that

c.i = a - p

= 3307.5 - 3000 = 307.5

Question 4 :
Compute : 3108 ÷ 259 - 10

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. 1063/83

2. 2

3. -2

4. 1036/83

Solution :

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

3108 ÷ 259 - 10

formula used -

applying bodmas

3108 ÷ 259 - 10 = 12 - 10 = 2

Question 5 :

A shoopkeeper cheats to the extent of 21% while buying and selling fruits , by using tampered weights . His total gain (in percentage) is :

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. 53.16
2. 46.25
3. 46.75
4. 46.5

Solution :

The correct answer is **option 1** i.e.**53.16%**

A shoopkeeper cheats to the extent of 21% while buying and selling fruits

actual cost = 100 Rs

he buy fruits on cheating of 21% (c.p) = Rs 79

but when he sell on cheating of 21% (s.p) = Rs 121

profit = 121 - 79 = 42

formula used -

profit% = profit / cp × 100

= 42 / 79 × 100 = **53**%

Question 6 :

Two numbers are in ratio 3:8 and their HCF is 7 . Their LCM is :

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 186

56

3. 21

4. 168

Solution :

The correct answer is **option 4** i.e**. 168**

Two numbers are in ratio 3:8

let,

frist no. = 3x

second no. = 8x

l.c.m = 3 × 8 × x

h.c.f = 7

h.c.f of 3x and 8x = x

accoding to question

x = 7

l.c.m = 3 × 8 × x

l.c.m = 3 × 8 ×7 = 168

Question 7 :

Apurva travelled equal distance at speeds of 10km/hr ., 20km/hr ., 6 km/hr ., and took a total time of 19 minutes . Find the total distance travelled in km.

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

Options :

1. 3

2. 1

3. 2

4. 4

Solution :

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The correct answer is **option 1** i.e.**3**

Apurva travelled equal distance at speeds of 10km/hr ., 20km/hr ., 6 km/hr

total time = 19 min = 19/60 hours

formula -

time = distance / speed

equal distance = x km

(x /10) + (x / 20) + (x / 6) = 19 / 60

19x / 60 = 19 / 60

x = 1

total distance = 3x = 3 × 1 = **3**

Question 8 :
The surface area (in sq. cm) of a sphere with radius 1.5 cm is :

Difficulty : Moderate   Average Time : 50 Seconds

Options :

1. 190/21
2. 190/7
3. 198/7
4. 198/21

Solution :
The correct answer is **option 3** i.e. **198/7**

The surface area (in sq. cm) of a sphere

radius = 1.5 cm

Surface area of sphere = 4r2 where r is radius of sphere

= 4 × 22/7 × 1.5 × 1.5 = 198/7

Question 9 :
Mr. Kiran buys a toys for Rs.40 and sells it for Rs.45. Find the gain percentage .

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 10%
2. 12.5%
3. 13%
4. 12%

Solution :

The correct answer is **option** 2 i.e. **12.5%**

Mr. Kiran buys a toys for Rs.40

c.p = Rs.40

s.p = Rs 45

profit = 45 - 40 = 5

formula used -

gain percentage .= gain / c.p × 100

= 5 / 40 × 100 = 12.5%

Question 10 :

If the mean height of 12 men is 1.70m and the mean height of 8 women is 1.60m, then the total height of 8 women in meters is:

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 12.9
2. 12.8
3. 12.4
4. 13

Solution :

The correct answer is **option 2** i.e. **12.8**

formula used -

mean = Sum of total heights of men and women / Total no.of both men and women

the mean height of 8 women = 1.60m

total height of 8 women in meters = 1.60 × 8 = **12.8**

Question 11 :
Ms. Ayesha borrowed Rs. 1000 at 5% per annum simple interest. What amount (in rupees) will she pay to clear debt after 4 year?

Difficulty : Moderate

Average Time : 53 Seconds

Options :
1. 200
2. 1200
3. 220
4. 1300

Solution :
The correct answer is **option 2** i.e. **1200**

p = 1000

r = 5%

t = 4 years

we know that

s.i = prt/100

s.i = 1000 × 5 × 4 / 100 = 200

a = p + s.i

  = 1000 + 200 = 1200

she pay to clear debt after 4 year = 1200

Question 12 :
Divide Rs.162 in the ratio 2:3:6:7. The rupees in the respective ratios are given by;

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :
1. 18,27,53 & 64
2. 18,27,54 & 63
3. 18,28,53 & 63
4. 18,27,55 & 62

Solution :
The correct answer is **option 2** i.e. **18,27,54 & 63**

Divide Rs.162 in the ratio 2:3:6:7

let,

frist number = 2x

second number = 3x

third number = 6x

fourth number = 7x

according to question -

2x + 3x + 6x + 7x = 162

18x = 162

x = 162/18 = 9

frist number = 2x = 18

second number = 3x = 27

third number = 6x = 54

fourth number = 7x = 63

Question 13 :
The volume (in cu.cum.) of a right circular cylinder with radius 2.5 cm and height 2 cm is:

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

Options :

1. 275

2. 275/21

3. 275/2

4. 275/7

Solution :

The correct answer is **option 4** i.e. **275/7**

a right circular cylinder radius = 2.5 cm

 height = 2 cm

volume of a right circular cylinder

V=r2h

= 22/7 × 2.5 × 2.5 × 2 = 275/7

Question 14 :
Find the HCF of 2616 and 2289

Difficulty : Moderate   **Average Time : 44 Seconds**

Options :

1. 109

2. 328

3. 327

4. 108

Solution :

The correct answer is **option 3** i.e. **327**

HCF of 2616 and 2289

2616 = 2 × 2 × 2 × 3 × 109

2289 = 3 × 7 × 109

h.c.f = 3 × 109 = 327

Question 15 :
Bhumika takes a total of 8 hours 20 minutes in walking a distance and cycling back to samer place where she started. She could walk both ways in 12 hours 15 minutes. The time taken by her to cycle both ways is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 4 hours 25 minutes

2. 4 hours 35 minutes

3. 4 hours 45 minutes

4. 4 hours 15 minutes

Solution :

The correct answer is **option 1** i.e. **4 hours 25 minutes**

Bhumika takes a total of 8 hours 20 minutes in walking a distance and cycling back to samer place where she started

time to cover the distance when he walk = w

time to cover distance by cycling = c

w + c = 8 hours 20 minutes 1

w + w = 12 hours 15 minutes.

2w = 12 hours 15 minutes. 2

multiplying equation 1 by 2

2c + 2w = 16 hours 40 minutes 3

equation (3 - 2)

2c = 4 hours 25 minutes .

time taken by her to cycle both ways = 4 hours 25 minutes

Question 16 :

Comprehension: In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science What is the number of students who have both mathematics and Computer Science?

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

Options :

1. 4
2. 17
3. 2
4. 1

Solution :
The correct answer is **option 1** i.e. **4.**

Understanding
In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science Students who have taken both the subjects = (12 - 8) = 4

Question 17 :

Comprehension: In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science What is the number of students who have taken Computer Science but not Mathematics?

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

Options :

1. 13
2. 4

8

4. 12

Solution :

The correct answer is **option 1** i.e. **13.**

Understanding
In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science Students who have taken both the subjects = (12 - 8) = 4 The number of students who have taken Computer Science but not Mathematics = 25 - 12 = 13

Question 18 :
What is 15% of 38?

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. 6

2. 5

3. 5.5

4. 5.7

Solution :

The correct answer is **option 4** i.e**. 5.7**

15% of 38

$= 38 \times 15 / 100$

= 5.7

Question 19 :

The value of 7.7÷100=?

Difficulty : Moderate

Average Time : 33 Seconds

Options :

1. 0.0077

2. 77

3. 0.77

4. 0.077

Solution :

The correct answer is **option 4** i.e. **0.077**

The value of 7.7÷100

= 77 / 1000 = 0.077

Question 20 :

In a class test, a student scored 8 marks out of 25 marks . The student's marks in percentage is:

Difficulty : Moderate

Average Time : 34 Seconds

Options :

1. 32

2. 35

3. 29

4. 30

Solution :

The correct answer is **option 1** i.e. **32**

In a class test, a student scored 8 marks out of 25 marks .

The student's marks in percentage = (8 / 25) × 100 = 32

Question 21 :

The cash difference between the selling price of an article at a profit of 8% and 10% is Rs.3. The ratio of the selling price ?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 54 : 56
2. 54 : 55
3. 54 : 57
4. 54 : 59

Solution :

The correct answer is **option 2** i.e **54 : 55**

The cash difference between the selling price of an article at a profit of 8% and 10% is Rs.3

according to question

10% - 8% = 3

2% = 3

(c.p)100% = 150

the selling price of an article at a profit of 8% = 150 × 108 /100 = 162

the selling price of an article at a profit of 10% = 150 × 110 /100 = 165

The ratio of the selling price = 162 : 165 = 54 : 55

Question 22 :

Two cycles start from a house at interval of 10 minutes and travel with a speed of 6km/hr. Which how much speed (km/hr) should a women coming from the opposite direction towards the house travel, to meet the cycles at an interval of 8 minutes?

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. 1.7
2. 1.6
3. 1.5

1.4

Solution :

The correct answer is **option 3** i.e. **1.5**

Two cycles start from a house at interval of 10 minutes (10 / 60 hours) and travel with a speed of 6km/hr.

speed of cycle = 6 km / h

a women coming from the opposite direction towards the house travel, to meet the cycles at an interval of 8 minutes. (8 / 60 hours) .

solution -

distance between the cycle = (10 / 60) × 6 = 1 km

let the speed of woman = x km / h

the speed of cycle of woman = (x + 6) km / h

1 / (x + 6) = 8 / 60

x = 1.5 km /h

Question 23 :
The number of sides of regular polygon whose interior angles are each 168Ëš is:

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :
1. 20
2. 30
3. 15
4. 31

Solution :

The correct answer is **option 2** i.e. **30**

interior angles = 168Ëš

formula used -

interior angle of a polygon = (n - 2) × 180 / n

168 = (n - 2) × 180 / n

168n = 180n - 360

12n = 360

 n = 30

Question 24 :

An internet bill costs Rs.6 for 2minutes 30 seconds. What is the cost (in rupees) for 3 minutes 20 seconds? (Round up to onne decimal)

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. 8

2. 7.9

3. 8.1

4. 8.2

Solution :

The correct answer i**s option 1** i.e. **8**

An internet bill costs for 2minutes 30 seconds. = Rs 6

2minutes 30 seconds = 150 sec = Rs 6

 the cost (in rupees) for 3 minutes 20 seconds

 3 minutes 20 seconds = 200 sec

(6 / 150) ×200 = Rs 8

Question 25 :

Find the fourth proportion to 14,28,21

Difficulty : Moderate   **Average Time : 41 Seconds**

Options :

1. 41

2. 42

14

4. 40

Solution :

The correct answer is **option 2** i.e.**42**

fourth proportion to 14,28,21

a = 14, b = 28, c = 21, d = x

we know that -

a : b : c : d,   ad = bc,   d = bc/a

x = 28 ✕ 21 / 14 = 42

Question 26 :
Mr. Ashwani sold a bus for Rs. 510 with a loss of 15% At what price should the bus be sold to get a profit of 15%?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :
1. Rs. 700
2. Rs. 690
3. Rs. 650
4. Rs. 680

Solution :

The correct answer is **option 2** i.e. **Rs. 690**

Mr. Ashwani sold a bus for Rs. 510 with a loss of 15%

let,

c.p = x

s.p = 510 = 85% of x

x = 600

the bus be sold to get a profit of 15% = 115% of 600 = 690

Question 27 :

A glass containing water has two holes. The 1st hole alone empties the glass in 9 minutes and 2nd hole alone empties the glass in 3 minutes. If water leaks out at a constant rate, how many minutes will it take if both the holes together empty the glass?

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

Options :

1. 1/4

2. 2 2/4

3. 3 1/4

4. 9 / 4

Solution :

The correct answer is **option 4** i.e. **2 1/4**

A glass containing water has two holes

The 1st hole alone empties the glass in 9 minutes

The 1st hole alone empties the glass in 1 minutes = 1 / 9

2nd hole alone empties the glass in 3 minutes.

2nd hole alone empties the glass in 1 minutes. = 1 / 3

both hole can empties the glass in 1 minutes.= (1 / 9) + (1 / 3) = 4 / 9

total time = 9 / 4

Question 28 :

Comprehension: Study the following information carefully and answer the question given below: Subscription to diffrent schemes of Mutual Fund Company over the months in year 2008-2009 (Rupees in Crores) For which of the following type of scheme was there a continuous decrease over the year?

Difficulty : Moderate   **Average Time : 61 Seconds**

Options :

    D

2. A

3. B

4. C

Solution :

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

from the table we can clearly see that scheme D was a continuous decrease over the year

decreases in the order = 290 > 150 > 125 > 115 > 100 > 40

Question 29 :

Comprehension: Study the following information carefully and answer the question given below: Subscription to different Schemes of Mutual Fund Company over the months in year 2008-2009 (Rupees in crore) In which of the following months , the subscription to the scheme B and C was Equal to the subscription to scheme B in February 2009?

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

Options :

1. December 2008

2. January 2009

3. October 2008

4. September 2008

Solution :

The correct answer is **option 1** i.e. **December 2008**

we can see in the table in the december 2008 the subscription to the scheme B and C was Equal to the subscription to scheme B in February 2009

in december 2008 scheme B = 110

in december 2008 scheme C = 40

in february 2009 scheme B = 150

Question 30 :

Comprehension: Study the following information carefully and answer the question given below: Subscription to different Scheme of Mutual Fund Company over the months in year 2008-2009. (Rupees in Crore) What is the difference in

subscription of scheme A between December and January

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

Options :

1. 30 Crores

2. 60 Crores

3. 80 Crores

4. 50 Crores

Solution :

The correct answer is **option 3** i.e. **80 Crores**

 scheme A in January = 80

scheme A in December = 160

the difference in subscription of scheme A between December and January = 160 - 80 = 80 crores

Question 31 :

There are total 200 students in a school, of which 2 /5 are boys . find the number of girls in the school

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. 60

2. 140

3. 40

4. 120

Solution :

The correct answer is **option 4** i.e. **120**

There are total 200 students in a school

boys = 2 / 5 of 200 = 80

girls = 200 - 80 = 120

Question 32 :

18 men built a tanker in 25 days. How many would it take for 10 men?

Difficulty : Moderate

Average Time : 38 Seconds

Options :

1. 45.2
2. 45.1
3. 46
4. 45

Solution :
The correct answer is **option 4** i.e. **45**

18 men built a tanker in 25 days. How many would it take for 10 men?

m_1 = 18 , d_1 = 25 , m_2 = 10 , d_2 = ?

formula used -

$m_1 d_1 = m_2 d_2$

$18 \times 25 = 10 \times d_2$

$d_2 = 18 \times 25 / 10 = 45$

Question 33 :
Akshat is twice as good a typist as Lokesh they finish a piece of work in 7 day. In how many days will Lokesh alone finish the work?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 14
2. 10
3. 28
4. 21

Solution :
The correct answer is **option 4** i.e.**21**

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the ratio of efficiency of akash and lokesh = 2 : 1

together they finish the work = 7 days

total work = 7 × (2 + 1) = 21 unit

Lokesh alone finish the work = 21 / 1 = 21

Question 34 :
Women invest Rs.100 at the start of each year at 5% compound interest per annum. How much will her investment be at the end of the 2nd year?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :
1. Rs. 215.25
2. Rs. 215.5
3. Rs. 215
4. Rs. 215.75

Solution :
The correct answer is **option 1** i.e. **Rs. 215.25**

Women invest Rs.100 at the start of each year at 5% compound interest per annum.

p1 = 100

r = 5%

t = 2 years

formula used -

$a = p (1 + r / 100)^{n}$

$a = 100 (1 + 5 / 100)^{1}$

a = 100 (21 / 20) = 105 (for frist year)

a = 105

p2 = 105 + 100 = 205   (this is for second year)

a2 = 205 (21 / 20) = 215.25

Question 35 :
if the product two number is 2664 and their LCM is 74 , then their HCF is

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

Options :
1. 34
2. 36
3. 64
4. 35

Solution :
The correct answer is **option 2** i.e. **36**

the product two number = 2664 ,   LCM = 74 , hcf = ?

we know that ,

product of two number = (lcm × hcf) of these two number

frist number × second number = lcm × hcf

2664 = 74 × hcf

hcf = 2664 / 74 = 36

Question 36 :
Find the missing term of the sequence. AB, BA, ABC, CBA, ABCD,?

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :
1. DABC
2. DCBA
3. DBCA
4. DBAC

Solution :

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

Understanding
Given series: AB, BA, ABC, CBA, ABCD,?

The logic used here is:

AB, BA

Reverse BA.

Similarly;

ABCD,?

Reverse ABCD.

ABCD, DCBA

The next term in the series is **DCBA.**

Hence, option 2 is the correct answer.

Question 37 :
Complete the series: A, Z, C, X, E,?

Difficulty : Moderate

Average Time : 54 Seconds

Options :
1. F
2. W
3. V
4. H

Solution :

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

Understanding

Given series: A, Z, C, X, E,?

The given series is alternated with two series:

1. A, C, E,...

A + 2 = C

C + 2 = E

2. Z, X,?

Z - 2 = X

X - 2 = V

The next term in the series is **V.**

Hence, option 3 is the correct answer.

Question 38 :
If ABSENT = BDVISZ, then SCHOOL will be coded as:

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. TKESSR
2. TEKSTR
3. TKERTS
4. TEKRRS

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

Understanding	Application

The logic used here is: ABSENT = BDVISZ A + 1 = B B + 2 = D S + 3 = V E + 4 = I N + 5 = S T + 6 = Z	Similarly, **Code for the word SCHOOL:** S + 1 = T C + 2 = E H + 3 = K O + 4 = S O + 5 = T L + 6 = R Hence, **option 2** is the correct answer.

Question 39 :

If A denotes 'add', B denotes 'subtract', C denotes 'multiply' and D denotes 'divide', which of the following is correct?

Difficulty : Moderate
Average Time : 66 Seconds

Options :

1. 8 C 8 A 8 D 8 B 8 = 57

2. 36 C 4 D 8 B 7 A 4 = 10

3. 32 D 8 C 9 = 160 B 12 C 12

4. 16 C 12 A 49 D 7 B 9 = 200

Solution :

The correct answer is **option 1** i.e. **8 C 8 A 8 D 8 B 8 = 57.**

Understanding

Given Conditions: A denotes '+', B denotes '-', C denotes '×' and D denotes '÷'

Check all the options:

Option 1: 8 C 8 A 8 D 8 B 8 = 57

After replacement the equation becomes;

= 8 × 8 + 8 ÷ 8 - 8

= 57 is equal to 57.

Hence, option 1 is the correct answer.

Option 2: 36 C 4 D 8 B 7 A 4 = 10

After replacement the equation becomes;

= 36 × 4 ÷ 8 - 7 + 4

= 15 is not equal to 10.

Hence, **option 2** is not the correct answer.

Option 3: 32 D 8 C 9 = 160 B 12 C 12

After replacement the equation becomes;

= 32 ÷ 8 × 9 = 160 - 12 × 12

= 36 is not equal to 16.

Hence, **option 3** is not the correct answer.

Option 4: 16 C 12 A 49 D 7 B 9 = 200

After replacement the equation becomes;

= 16 × 12 + 49 ÷ 7 - 9

= 190 is not equal to 200.

Hence, **option 4** is not the correct answer.

Question 40 :

A question and two statements labeled (I) (II) are given. You have to decide Which statement(s) is/are sufficient to answer

the question. How many brothers does Dinesh have? I. Dinesh's mother has three children. II. Dinesh has two sisters.

Difficulty : Moderate
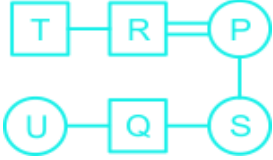
Average Time : 107 Seconds

Options :

1. Statement II alone is sufficient

2. Both the statements together are needed

3. Statement I alone is sufficient

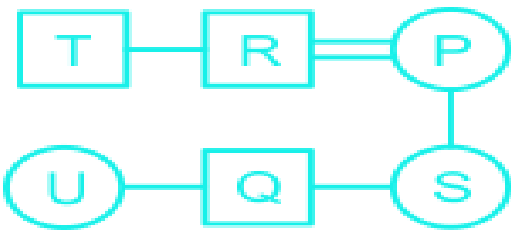4. Either I or II alone is sufficient

Solution :

The correct answer is **option 2** i.e. **Both the statements together are needed.**

Understanding

In the diagram shown;

T — R = P
U — Q — S

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.

T — R = P
U — Q — S

To draw the above diagram both the statements are needed.

From that, we can conclude that Dinesh has no brother.

Hence, **Both Statements I and II together are necessary.**

Question 41 :
Q3C, S5E, U8G, W12I, _____

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. X17K

2. Y15K

3. Z15K

4. Y17K

Solution :
The correct answer is **option 4** i.e. **Y17K.**

Understanding
Given series: Q3C, S5E, U8G, W12I, _____
The logic used here is:
Q3C, S5E
Q + 2 = S
3 + 2 = 5
C + 2 = E
S5E, U8G
S + 2 = U
5 + 3 = 8
E + 2 = G
U8G, W12I
U + 2 = W
8 + 4 = 12
G + 2 = I
Similarly;
W12I, _____
W + 2 = Y
12 + 5 = 17
I + 2 = K
The next term in the series is **Y17K.**
Hence, option 4 is the correct answer.

Question 42 :

One day, Ganesh left home and cycled 10 km southwards, turned right and cycled 5 km; turned right and cycled 10km and finally turned left and cycled 10km. How many kilometers will he have to cycle to reach his home straight?

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. 30
2. 15
3. 25
4. 35

Solution :

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

Understanding
According to the question, the figure is as follows:
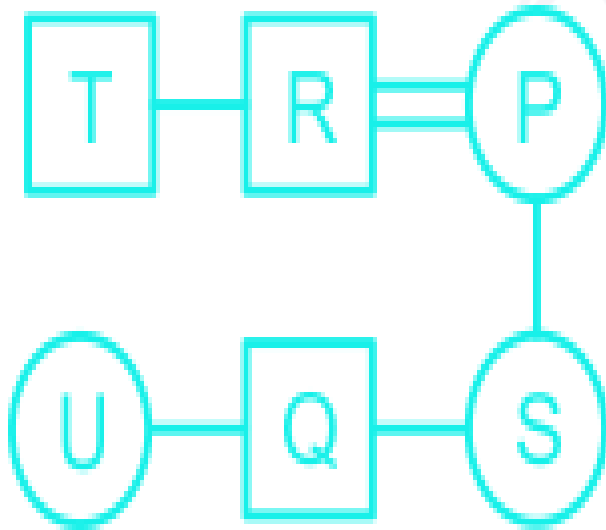
From the above figure,

Ganesh has to cycle = OC + CD = 10 + 5 = 15km to reach his home straight.

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

Question 43 :

If > denotes '+', denotes '-', + denotes '÷', × denotes '', = denotes '', and - denotes '=', choose the correct statement from the following

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 14+7>3=6+3>2

2. 6+3>8=4+21

3. 96+3=7>4

4. 4>6+2×32+41

Solution :

The correct answer is **option 3** i.e. **96+3=7>4.**

Understanding
Given Condition: > denotes '+', denotes '-', + denotes '÷', × denotes '', = denotes '', and - denotes '='
Check all the options:
Option 1: 14+7>3=6+3>2
After replacement the equation becomes;
= 14 ÷ 7 + 3 6 ÷ 3 + 2
= 5 is not less than 4
Hence, option 1 is not the correct answer.
Option 2: 6+3>8=4+21
After replacement the equation becomes;
= 6 ÷ 3 + 8 4 ÷ 2 -1
= 10 is not less than 1
Hence, **option 2** is not the correct answer.

Option 3: 96+3=7>4

After replacement the equation becomes;

= 9 - 6 ÷ 3 7 + 4

= 7 is less than 11

Hence, option 3 is the correct answer.

Option 4: 4>6+2×32+41

After replacement the equation becomes;

= 4 + 6 ÷ 2 > 32 ÷ 4 - 1

= 7 is equal to 7.

Hence, **option 4** is not the correct answer.

Question 44 :

Arun is facing North-West. He first turns 90Ëš in the clockwise direction, and then another 180Ëš in the anticlockwise direction. Later he turns 90Ëš again in the anticlockwise direction. Which direction is he facing now?

Difficulty : Moderate   **Average Time : 109 Seconds**

Options :

1. South

2. West

3. South-East

4. South-West

Solution :

The correct answer is **option 3** i.e. **South-East.**

Understanding

According to the question, the figure is as follows:
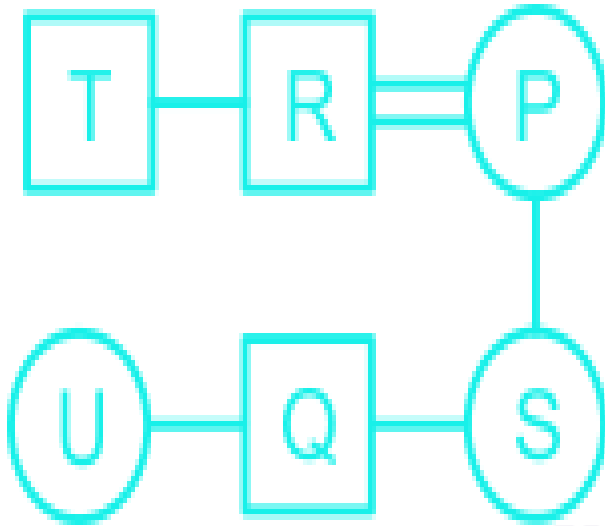
From the above figure, he is facing South-East direction now.

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

Question 45 :
Choose the odd one from the following:

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. FOOTBALL

2. CHESS

3. BASEBALL

4. HOCKEY

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

Understanding	Application

The logic used here is: Football, Baseball, and Hockey are outdoor games.	Whereas; Chess is not an outdoor game. Hence, **option 2** is the correct answer.

Question 46 :

The given information is followed by two statements. Read them carefully and answer the given question. Many parents have pleaded with the administration department of school X to discontinue the rule of wearing ties to school. (A) The school has kept different coloured ties for different academic scorers as part of their uniform. Thus, the low-scoring children of school feel discriminated (B) The sports uniform of the school does not have a tie, anyway. It is to be worn only on Wednesday.

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

Options :

1. Both Statement A and Statement B weaken the argument

2. Statement A weakens but Statement B strengthens the argument

3. Statement A strengthens the argument and Statement B is a neutral statement

4. Statement B weaknes but Statement A strengthens the argument

Solution :

The correct answer is **option 3** i.e. **Statement A strengthens the argument and Statement B is a neutral statement** â€‹â€‹â€‹â€‹â€‹â€‹

Understanding

From I alone, we can say that the low-scoring children feel discriminated against high-scoring children. So, this can be the reason why their parents are pleading school to discontinue the rule of the tie. This strengthens the statement.

From II, we can say that it is a neutral statement.

Hence, **Statement A strengthens the argument and Statement B is a neutral statement**‌‌‌‌‌

Question 47 :

Comprehension: In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science What is the number of students who have both mathematics and Computer Science?

Difficulty : Moderate   Average Time : 75 Seconds

Options :

1. 4
2. 17
3. 2
4. 1

Solution :

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

Understanding

In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science

Students who have taken both the subjects =

(12 - 8) = 4

Question 48 :

Comprehension: In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science What is the number of students who have taken Computer Science but not Mathematics?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 13

2. 4

3. 8

4. 12

Solution :

The correct answer is **option 1** i.e. **13.**

Understanding
In a class of 25 students of mathematics and Computer Science, 12 students have taken Mathematics. Out of this 8 have taken Mathematics but not Computer Science
Students who have taken both the subjects =
(12 - 8) = 4
The number of students who have taken Computer Science but not Mathematics = 25 - 12 = 13

Question 49 :

PALE: LEAP::POSH:?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. HSPO

2. HSOP

3. POHS

4. SHOP

Solution :

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

Understanding	Application
The logic used here is: PALE: LEAP	Similarly, **POSH:?** Hence, **option 4** is the correct answer.

Question 50 :

A family has 6 members P, Q, R, S, T, and U. Q is the son of R, but R is not the mother of Q. P and R are a married couple. T is the brother of R. S is the daughter of P. U is the sister of Q. Who is the son P?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. None of the given option

2. R

3. Q

4. T

Solution :

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

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Understanding	Application
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.	Thus considering the figure, Q is the son P. Considering all the four options the most appropriate is option 3.

Question 51 :

A family has 6 members P, Q, R, S, T, and U. Q is the son of R, but R is not the mother of Q. P and R are a married couple. T is the brother of R. S is the daughter of P. U is the sister of Q. How many brothers does U have?

Difficulty : Moderate   **Average Time : 74 Seconds**
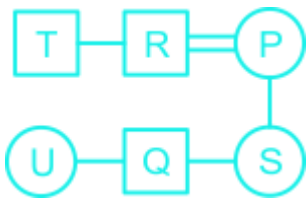
Options :

1. 3

2. None

3. 2

4. 1

Solution :

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

Understanding	Application

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. 	Thus considering the figure, U has only 1 brother. Considering all the four options the most appropriate is option 1.

Question 52 :

A family has 6 members P, Q, R, S, T, and U. Q is the son of R, but R is not the mother of Q, P and R are a married couple T is the brother of R. S is the daughter of P. U is the sister of Q. What is the ratio of Males to Females in this family?

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

Options :

1. 5:1

2. 2:1

3. 1:1

4. 1:2

Solution :

The correct answer is **option 3** i.e. **1:1.**

Understanding	Application
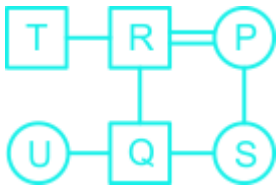
In the diagram shown; Square shows males, the circle shows females, vertical lines show generations, a single horizontal line shows brothers or sisters and double lines show a couple.	Thus considering the figure, the ratio of Males to Females in this family is 1:1. Considering all the four options the most appropriate is option 3.
T — R — P | | U — Q — S	

Question 53 :

ACE: FHJ:: OQS:?

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

1. TVX

2. PRS

3. TXV

4. RPS

Solution :

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

Understanding	Application

The logic used here is:	Similarly,
ACE: FHJ	**OQS:?**
A + 5 = F	**O + 5 = T**
C + 5 = H	**Q + 5 = V**
E + 5 = J	**S + 5 = X**
	Hence, **option 1** is the correct answer.

Question 54 :

If P means 'subtraction', Q means 'division', R means 'addition and S means 'multiplication', then 15 Q 3 R 24 P 12 S 2 =?

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

1. 7

2. 5

3. 29

4. 9

Solution :

The correct answer is **option 2** i.e. **5.**

Understanding
Given Equation: 15 Q 3 R 24 P 12 S 2 =?
Given condition: 'P' means '-', 'Q' means '÷', 'R' means '+' and 'S' means '×'
After replacement the equation becomes;
= 15 ÷ 3 + 24 - 12 × 2
= 5
Hence, option 2 is the correct answer.

Question 55 :

If RACE is coded as 4973, FACT is coded as 1795, and FORCE is coded as 16493, then what is the code of REACT?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. 43759

2. 43975

3. 43579

4. 43795

Solution :

The correct answer is **option 4** i.e. **43795.**

Understanding	Application

| The logic used here is:

RACE is coded as 4973, FACT is coded as 1795, and FORCE is coded as 16493

R = 4

A = 9

C = 7

E = 3

F = 1

A = 7

C = 9

T = 5

F = 1

O = 6

R = 4

C = 9

E = 3 | Similarly,

Code for the word REACT:

R = 4

E = 3

A = 7

C = 9

T = 5

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

Question 56 :

_____, 9, 25, 49, 121, 169

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

Options :

   1. 1

   2. 3

   3. 2

   4. 4

Solution :

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

Understanding
Given series: _____,9,25,49,121,169
The logic used here is:
$2^2 = 4$
$3^2 = 9$
$5^2 = 25$
$7^2 = 49$
$9^2 = 81$
$11^2 = 121$
$13^2 = 169$
The missing term in the series is **4.**
Hence, option 4 is the correct answer.

Question 57 :

A question and two statements labeled (I), (II) are given. You have to decide which statement(s) is /are sufficient for the question What time did the train leave today? I. The train normally leaves on time. II. The train normally leaves at 15:30hrs.

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :

1. Statement I alone is sufficient

2. Data insufficient

3. Both the statement together are needed

4. Statement II alone is sufficient

Solution :

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

Understanding

From I and II we cannot decide about the train time of today.

Hence, **Data is insufficient to answer the question.**

Question 58 :

Read the following set of information and answer the question below, i. Rekha is younger than Sumitha but elder than Reena. ii. Reena is elder than Gayathri. iii. Sharmila is elder to Reena but younger than Rekha. Who is the youngest of all?

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

Options :

1. Sumitha

2. Rekha

3. Sharmila

4. Gayathri

Solution :

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

Understanding
From I;
Sumitha > Rekha > Reena
From II;
Sumitha > Rekha > Reena > Gayathri
From III;
Sumitha > Rekha > Sharmila > Reena > Gayathri
Hence, Gayatri is the youngest.
Hence, **option 4** is the correct answer.

Question 59 :

Select the combination of numbers so that letters arranged accordingly will form a meaningful English word   U   T   E   Y   B   A 1   2   3   4   5   6

Difficulty : Moderate

Average Time : 63 Seconds

Options :
1. 536124
2. 563214
3. 536214
4. 563124

Solution :
The correct answer is **option 1** i.e. **536124.**

Understanding
Arrange the proper combination of numbers so that letters arranged accordingly will form a meaningful English word
Given:
U   T   E   Y   B   A
1   2   3   4   5   6
After arranging the numbers the word formed is:
BEAUTY = 536124
Hence, **option 1** is the correct answer.

Question 60 :
IF COME is coded as EMOC, then TRAIN is coded as:

Difficulty : Moderate

Average Time : 56 Seconds

Options :
1. NIRAT

NAIRT

3. NIART

4. NRIAT

Solution :

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

Understanding	Application
The logic used here is: COME is coded as EMOC Reverse the given code.	Similarly, **Code for the word TRAIN:** **TRAIN = NIART** Hence, **option 3** is the correct answer.

Question 61 :

Flower: Bud:: Plant:?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Flower

2. Twig

3. Seed

4. Taste

Solution :

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

Understanding	Application

The logic used here is:	Similarly,
Flower: Bud	**Plant:?**
A bud grows into a Flower.	**A seed grows into a Plant.**
	Hence, **option 3** is the correct answer.

Question 62 :
Find the similarity among the following: July, October, January, June

Difficulty : Moderate

Average Time : 51 Seconds

Options :
1. The months preceding them all have 31 days
2. All of them have 31 days
3. They have more days than the months succeeding them
4. There is no clear similarity between them

Solution :
The correct answer is **option 4** i.e. **There is no clear similarity between them.**

Understanding
July, October, January, and June have no clear similarity between them.
Hence, **option 4** is the correct answer.

Question 63 :
Four letters are given out of which three are alike in a certain manner, while one is different. Select the odd one.

Difficulty : Moderate

Average Time : 54 Seconds

Options :
1. E
2. O

T

4. Z

Solution :

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

Understanding
The place value of E is 5.
The place value of O is 15.
The place value of T is 20.
The place value of Z is 26.
Place values of E, O, and T are multiples of 5, whereas the place value of Z is not a multiple of 5.

Question 64 :

Four words have been given, out of which three are alike in a certain manner and one is different. Select the odd word.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Bharatnatyam

2. Bihu

3. Garhwali

4. Ballet

Solution :

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

Understanding

Bharatnatyam, Bihu, and Garhwali are all Indian folk dance forms.

On the other hand, Ballet is not an Indian dance form. It is a dance form of the west.

Hence, **Ballet** is an odd option.

Question 65 :
Find out the odd word/letters/number pair from the given alternatives.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Moscow

2. Washington D.C

3. Karachi

4. Tokyo

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

Understanding	Application
1. Moscow is the capital of Russia. 2. Washington D.C is the capital of America. 4. Tokyo is the capital of Japan.	3. But Karachi is a city in Pakistan, whose capital is Islamabad. Hence, the correct answer is **Karachi**.

Question 66 :
Complete the following series. 2, 6, 12, 20, ?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 60

2. 30

3. 20

4. 40

Solution :

The correct answer is **option 2** i.e. **30**

Understanding
Given: 2, 6, 12, 20, ? Pattern: $1^2 + 1 = 2$ $2^2 + 2 = 6$ $3^2 + 3 = 12$ $4^2 + 4 = 20$
Application
Next number will be: $5^2 + 5 = \mathbf{30}$

Question 67 :

Complete the following series. G19L, Q39V, A7F, K27P, U47Z, ?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. K17F

2. J15E

3. E15J

4. F17K

Solution :

The correct answer is **option 3** i.e. **E15J**

Understanding	Application
Each letter is written by adding five letters to its previous letter and the number written between two letters is the sum of the positional values of its adjacent letters. Given: G19L, Q39V, A7F, K27P, U47Z, ? For letters: G + 5 = L, L + 5 = Q, Q + 5 = V, V + 5 = A, A + 5 = F, F + 5 = K, K + 5 = P, P + 5 = U, U + 5 = Z, **Z + 5 = E, E + 5 = J** For numbers: GL = 7 + 12 = 19, QV = 17 + 22 = 39, AF = 1 + 6 = 7, KP = 11 + 16 = 27, U + Z = 21 + 26 = 47, **EJ = 5 + 10 = 15**	Thus, final answer is ' **E15J**'.

Question 68 :

Complete the following series. 1, 2, 6, 12, 20, ?

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. 30
2. 26
3. 28
4. 32

Solution :

The correct answer is **option 1** i.e. **30**

Understanding
Given : 1, 2, 6, 12, 20, ?
$1 \times 2 = 2$
$2 \times 3 = 6$
$3 \times 4 = 12$
$4 \times 5 = 20$
$5 \times 6 = 30$
Application
Next number will be:
$5 \times 6 = $ **30**

Question 69 :
Choose the correct pair of signs that need to be interchanged in order to make the given equation correct. 14 x 2 - 3 + 10 / 2 = 13

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. +, -

2. x, -

3. x, /

4. x, +

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

Understanding

Given equation: 14 x 2 - 3 + 10 / 2 = 13

This equation becomes correct if we interchange 'x' and '-' signs:

14 - 2 x 3 + 10 / 2

= 14 - 6 + 5

= 19 - 6

= 13

Hence, option 2 is the correct answer.

Question 70 :

In the following question, select the missing letter from the series: H ? F L G J U M Q

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. B

2. D

3. C

4. E

Solution :

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

The pattern followed here is:

The number in [Row 1, Column 1] = [Number representing U - Number representing L] - 1 = 9 – 1 = 8 [H]

The number in [Row 1, Column 2] = [Number representing M - Number representing G] - 1 = 6 – 1 = **5 [E]**

The number in [Row 1, Column 3] = [Number representing Q - Number representing J] - 1 = 7 – 1 = 6 [F]

Question 71 :

Which one of the following is NOT a key vision area under the "Digital India Programme"?

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

Documentaries on digital awareness

2. Governance and Services on Demand

3. Digital Empowerment of Citizens

4. Digital Infrastructure as a Core Utility to Every Citizen

Solution :

The correct answer is **option 1** i.e. **Documentaries on digital awareness.**

- Digital India aims at transforming India into a digitally empowered society and knowledge economy by focusing on 3 vision goals:

1. Building core infrastructure for accessible, safe and high speed services authenticable to every citizen.

2. Making governance and services real time and on demand by leveraging cloud, mobility, GIS and service transformations.

3. Empowering citizens through digital literacy, collaborative digital platforms and participative governance.

Question 72 :

Where is the National Rail Museum located in India?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. New Delhi

2. Shimla

3. Darjeeling

4. Kolkata

Solution :

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

- The National Rail Museum is located in New Delhi.
- It displays exhibits on the history of rail transport in India.
- Inaugurated on 1 February 1977.

Question 73 :

Linux is an example of:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. Assembly Language

2. Application Software

3. Programming Language

4. Operating System

Solution :

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

- Linux is an example of Operating System.
- An operating system is the software that directly manages a system's hardware and resources, like CPU, memory, and storage.

Question 74 :

Georges Lemaitre is related with the _____.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Big Bang theory

Electrical current

3. Deoxyribonucleic acid

4. Solar system

Solution :

The correct answer is **option 1** i.e. **Big Bang theory.**

- Georges Lemaitre is related with the Big Bang theory.
- He proposed the "Big Bang theory" of the origin of the universe, calling it the "hypothesis of the primeval atom", and later calling it "the beginning of the world".

Question 75 :

An ordinary magnet does not attract _____.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Iron

2. Nickel

3. Bronze

4. Steel

Solution :

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

- An ordinary magnet does not attract Bronze.
- Iron, Nickel and Steel are metals that naturally attract to magnets are known as ferromagnetic metals.

Question 76 :

In India, the Cotton crop is mainly grown in:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. Alluvial Soil

2. Red Soil

3. Black Soil

4. Sandy Soil

Solution :

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

- In India, Cotton crop is mainly grown in black soil.
- It is a Kharif crop in the major parts of the country viz. Punjab, Haryana, Rajasthan, Uttar Pradesh, Madhya Pradesh, Gujarat, Maharashtra and parts of Andhra Pradesh & Karnataka.
- Black soil are rich in Calcium, Carbonate, Potash and hold moisture.

Question 77 :

What is NOT true regarding the voting rights under the democratic system in India?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Any citizen over the age of 18 can vote

2. Those who are deemed unsound of mind can also vote

3. Only people with their names on the electrol roll are allowed to vote

4. There is no gender discrimination

Solution :

The correct answer is **option 2** i.e. **Those who are deemed unsound of mind can also vote.**

- Those who are deemed unsound of mind cannot vote.
- Under Section 16(b) of the Representation of the People Act, 1950: A person may be disqualified as a voter if the person, "is of unsound mind and stands as declared by a competent court".

Question 78 :

Wildlife Institute of India is located at _____.

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

Options :

1. Nagpur

2. Gangtok

3. Dehradun

4. Itanagar

Solution :

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

- Wildlife Institute of India is located at Dehradun.
- It is an autonomous natural resource service institution under the Ministry of Environment Forest and Climate change.
- It was established in 1982.

Question 79 :

Rhinoscope is an instrument for examining the _____.

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. Brain
2. Eyes
3. Nose
4. Ears

Solution :

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

- Rhinoscope is an instrument for examining the inside of the nose.
- It has a light and a lens for viewing and may have a tool to remove tissue.

Question 80 :

Find the odd statement with reference to the Constitution of India.

Difficulty : Moderate   Average Time : 46 Seconds

Options :

1. It is the book of the nation.

2. It codifies rule of law.

3. It reflects fundamental political values.

4. It is not a legal document.

Solution :

The correct answer is **option 4** i.e. **It is not a legal document.**

- The Constitution of India is a legal document.

Question 81 :

Which one of the following dynasties did NOT belong to South India?

Difficulty : Moderate   Average Time : 44 Seconds

Options :

   Pandya

2. Pala

3. Satavahana

4. Pallava

Solution :

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

- Pala dynasties did not belong to South India.
- Dynasties of Chera, Chola, Pandyan, Chalukya, Pallava, Satavahana Rashtrakuta, Kakatiya, Reddy dynasty, Seuna (Yadava) dynasty and Hoysala were found at the South India.
- The Pala dynasty was located in western Bengal and eastern Bihar.

Question 82 :

Consequent to the launch of 'Swachh Bharat Abhiyan', Indian Railways had launched _____ to achieve the vision of Clean India by 2nd Oct 2019.

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

Options :

1. Railway Swachhta Abhiyan

2. Swachh Railways Mission

3. Swachh Rail - Swachh Bharat Abhiyan

4. Swachhta Saptah

Solution :

The correct answer is **option 3** i.e. **Swachh Rail - Swachh Bharat Abhiyan.**

- Consequent to the launch of 'Swachh Bharat Abhiyan', Indian Railways had launched Swachh Rail - Swachh Bharat Abhiyan to achieve the vision of Clean India by 2nd Oct 2019.

Question 83 :

_____ has become a legacy launcher of ISRO.

Difficulty : Moderate   Average Time : 45 Seconds

Options :

1. ASLV
2. GSLV
3. Sounding Rockets
4. PSLV

Solution :

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

- ASLV has become a legacy launcher of ISRO.
- It was a Small-lift launch vehicle five-stage solid-fuel rocket developed by the Indian Space Research Organisation (ISRO) to place 150 kg satellites into LEO.

Question 84 :

Who is the authorized publisher and custodian of the 'Gazette of India'?

Difficulty : Moderate   Average Time : 45 Seconds

Options :

1. Controller of publication
2. Chief controller of printing

Secretary ministry of Home Affairs

4. Secretary Department of Publication

Solution :

The correct answer is **option 1** i.e. **Controller of publication.**

- Controller of publication is the authorized publisher, custodian and seller of Government of India Publications and periodicals including Gazette of India and Delhi Gazette with its copy right.

Question 85 :

On 26th January 1950, Dr. Rajendra Prasad unfurled the Nation Flag at a stadium that was formerly known as the _____stadium.

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. Chhatrasal

2. Irwin

3. Talkatora

4. Harbaksh Singh

Solution :

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

- On 26th January 1950, Dr. Rajendra Prasad unfurled the Nation Flag at a stadium that was formerly known as the Irwin stadium.

Question 86 :

The engine of the _____ is the oldest working steam locomotive in the World.

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. Fairy Queen

2. Golden Chariot

3. Palace on wheels

4. Maharaja Express

Solution :

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

- The engine of the Fairy Queen is the oldest working steam locomotive in the World.
- It is a steam locomotive built-in 1855.
- It occasionally runs between New Delhi and Alwar.

Question 87 :

The main mountain ranges of India do NOT include:

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

Options :

1. Hindu Kush

2. Vindhya

3. Aravalli

4. Satpura

Solution :

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

- The main mountain ranges of India do not include the Hindu Kush.
- It is an 800-kilometer-long mountain range in Central and South Asia to the west of the Himalayas.

Question 88 :

Who won the 'Man Booker prize 2016' for the book The Sellout?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. David Szalay

2. Paul Beatty

3. J M Coetzee

4. Madeleine Thien

Solution :

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

- Paul Beatty won the 'Man Booker prize 2016' for the book The Sellout.
- The novel takes place in and around Los Angeles, California, and muses about the state of racial relations in the U.S. today.

Question 89 :

The World Heritage Site and the Historic Sanctuary of Machu Picchu are located in:

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. China

2. Japan

3. Vietnam

4. Peru

Solution :

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

- The World Heritage Site and the Historic Sanctuary of Machu Picchu are located in Peru.
- "Machu" means "old" or "old person", while "pikchu" means either "portion of coca being crunched" or "pyramid, pointed multi-sided solid; cone".

Question 90 :

Which one does NOT belong to the category of metallic minerals?

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. Coal

2. Bauxite

3. Tin

4. Nickel

Solution :

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

- Coal does not belong to the category of metallic minerals.
- Minerals can be metallic, non-metallic, and Energy minerals.
- Bauxite, Tin, and Nickel are metallic minerals.

Question 91 :

The winners of the 2016 kabaddi World Cup (started style) were:

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. South Korea

2. Thailand

Iran

4. India

Solution :

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

- The winners of the 2016 kabaddi World Cup (started style) were India.
- It was organized by the International Kabaddi Federation and contested from 7 to 22 October 2016 in Ahmedabad.

Question 92 :

Which of the following is NOT a modifier key in an IBM-compatible computer?

Difficulty : Moderate   Average Time : 44 Seconds

Options :

1. Ctrl

2. Shift

3. Tab

4. Windows Key

Solution :

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

- The tab is not a modifier key in an IBM-compatible computer.
- A modifier key is a key on a computer's keyboard that is only used in conjunction with another key.
- On an IBM-compatible computer, modifier keys include Alt, Ctrl, Shift, and the Windows key.

Question 93 :

'Airlander 10', the World's largest hybrid airship, which had its first test flight in August 2016, was designed and manufactured in _____.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. UK
2. Germany
3. USA
4. Russia

Solution :

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

- 'Airlander 10', the World's largest hybrid airship, which had its first test flight in August 2016, was designed and manufactured in the UK.
- It Comprises of a helium airship with auxiliary wing and tail surfaces.

Question 94 :

Plasma, which is one of the blood's constituent, is a_____.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Cell
2. Muscles
3. Liquid
4. Tissue

Solution :

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

- Plasma, which is one of the blood's constituents, is liquid.
- It makes up about 55% of the body's total blood volume.
- Blood has four main components: plasma, red blood cells, white blood cells, and platelets.

Question 95 :

Dr.Dhrubajyoti Ghosh is associated with_____.

Difficulty : Moderate   Average Time : 45 Seconds

Options :

1. Astronomy

2. Bengali literature

3. Ecology

4. Politics

Solution :

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

- Dr.Dhrubajyoti Ghosh is associated with Ecology.

Question 96 :

Which one of the following is the highest peak of the Aravalli mountain?

Difficulty : Moderate   Average Time : 39 Seconds

Options :

1. Achalgarh

2. Jarga

3. Guru Shikhar

4. Ser

Solution :

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

- Guru Shikhar is the highest peak(at 1,722 meters) of the Aravalli mountain.
- The Aravalli Range is a mountain range in Northern-Western India.

Question 97 :

The theme of World Environment Day 2016 was:

Difficulty : Moderate   **Average Time : 41 Seconds**

Options :

1. Green Economy : Does it include you?

2. Seven Billion Dreams; One Planet; Consume with Care

3. Zero tolerance for the illegal trade in wildlife

4. Small Islands and Climate Change

Solution :

The correct answer is **option 3** i.e. **Zero tolerance for the illegal trade in wildlife.**

- The theme of World Environment Day 2016 was Zero tolerance for the illegal trade in wildlife.
- It focused on the need to curb poaching and illegal wildlife trade to ensure the survival of wildlife.
- The theme for 2021 was Ecosystem restoration.

Question 98 :

On what is the 'World Lion Day' celebrates every year?

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

Options :

1. 10th September

10th August

3. 10th July

4. 10th June

Solution :

The correct answer is **option 2** i.e. **10th August.**

- The 'World Lion Day' is celebrated on 10th August every year.
- It is celebrated every year to raise awareness about lions and to mobilise support for their protection and conservation.

Question 99 :

_____ Island is the only active volcano of India.

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. Barren

2. Oyster rock

3. Viper

4. Havelock

Solution :

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

- Barren Island is the only active volcano in India.
- It is an island located in the Andaman Sea.

Question 100 :

Which of the following is celebrated, every year, in the first week of December in Nagaland?

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

Options :

1. Baneshwar Fair

2. Hornbill festival

3. Bohaggiyo Bishu tribal festival

4. Bhagoria festival

Solution :

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

- Hornbill festival is celebrated, every year, in the first week of December in Nagaland.
- It is also called the 'Festival of Festivals'.

Question 101 :

UNDP report on the Human development index does NOT compare countries on the basis of

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. Knowledge

2. Corporate governance

3. Long and healthy life

4. Standard of living

Solution :

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

- UNDP report on the Human development index does not compare countries on the basis of Corporate governance.
- The first HDR was launched in 1990 by the Pakistani economist Mahbub ul Haq and Indian Nobel laureate Amartya Sen.
- UNDP compares countries on the basis of educational level of people, their health status and per capita income per annum.

Question 102 :

TELEX stand for:

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

Options :

1. Telegram Express

2. Teleprinter Exchange

3. Telecommunication Exchange

4. Telephone Exchange

Solution :

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

- TELEX stand for Teleprinter Exchange.
- It is a customer-to-customer switched network of teleprinters using telegraph-grade connecting circuits for two-way text-based messages.

Question 103 :

UN Postal Administration issued a commemorative stamp of _____, the Indian music legend on the 2nd October 2016.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Pandit Ravi Shankar

2. R.D.Burman

3. M.S.Subbulakshmi

4. Ustad Bismillah Khan

Solution :

The correct answer is **option 3** i.e. **M.S.Subbulakshmi.**

- UN Postal Administration issued a commemorative stamp of M.S.Subbulakshmi, the Indian music legend on the 2nd October 2016.
- She was the first musician ever to be awarded the Bharat Ratna.

Question 104 :

A monkey sitting on a branch of a tree suddenly falling down towards the ground is an example of _____.

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Law of conservation of energy

2. Kepler's laws

3. Newton's third law of motion

4. Law of conservation of mass

Solution :

The correct answer is **option 1** i.e. **Law of conservation of energy.**

- A monkey sitting on a branch of a tree suddenly falling down towards the ground is an example of law of conservation of energy.
- It states that the total energy of an isolated system remains constant.

Question 105 :

Fill in the blanks: The Constitution of India puts a limit on the size of the Lok Sabha to _____ elected members, apart from _____ members nominated by the President to represent the Anglo-Indian community.

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

Options :

1. 550 and 2
2. 543 and 2
3. 541 and 3
4. 547 and 3

Solution :

The correct answer is **option 1** i.e. **550 and 2.**

- The Constitution of India puts a limit on the size of the Lok Sabha to **550** elected members, apart from **2** members nominated by the President to represent the Anglo-Indian community.
- The maximum strength of the House is 552 members - 530 members to represent the States, 20 members to represent the Union Territories, and 2 members to be nominated by the President from the Anglo-Indian Community.

Question 106 :

Murud Janjira Fort situated in Maharashtra is surrounded on all sides by:

Difficulty : Moderate

Options :

1. Paddy fields

2. Trees

3. Gardens

4. Water

Solution :

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

- Murud Janjira Fort situated in Maharashtra is surrounded on all sides by Water.
- It is a famous fort and tourist spot situated on an island just off the coastal town of Murud, in the Raigad district of Maharashtra.

Question 107 :

Which bank has approved the scheme of Bharatiya Mahila Bank Limited with itself?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Bank of Baroda

2. IDBI Bank

3. State Bank of India

4. Bank of India

Solution :

The correct answer is **option 3** i.e. **State Bank of India.**

- State Bank of India has approved the scheme of Bharatiya Mahila Bank Limited with itself.
- It approved the scheme of merger of five associate lenders and Bharatiya Mahila Bank with itself.

Question 108 :

What is the standard Windows keyboard, shortcut key combination for 'Redo'?

Difficulty : Moderate   Average Time : 47 Seconds

Options :

1. Control+Shift+Z
2. Control+Minus
3. Control+Shift+A
4. Control+Z

Solution :

The correct answer is **option 1** i.e. **Control+Shift+Z.**

- The standard Windows keyboard, shortcut key combination for 'Redo' is Control+Shift+Z.

Question 109 :

Which one of the following is the National aquatic animal of India?

Difficulty : Moderate   Average Time : 41 Seconds

Options :

1. Ganges Shark
2. Indian Star Tortoise
3. Ganges River Dolphin
4. Golden Mahseer

Solution :

The correct answer is**option 3** i.e. **Ganges River Dolphin.**

- Ganges River Dolphin is the National aquatic animal of India.
- It lives in the Ganges and related rivers of South Asia, namely in the countries of India, Nepal, and Bangladesh.
- It is the official animal of the Indian city of Guwahati.

Question 110 :

Which of the following sports will be included for the first time in the Olympic games 2020 onwards?

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

Options :

1. Polo

2. Judo

3. Darts

4. Karate

Solution :

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

- Karate will be included for the first time in the Olympic games 2020 onwards.

Question 111 :

Which of the following, in general, cannot compute?

Difficulty : Moderate   **Average Time : 38 Seconds**

Options :

1. Calculator

2. Computer

3. Printer

Mobile phone

Solution :

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

- The printer in general, cannot compute.
- Calculator, Computer and Printer can compute.

Question 112 :

Which one of the following is a navigation satellite?

Difficulty : Moderate

Average Time : 38 Seconds

Options :

1. GSLV
2. PSLV
3. IRNSS
4. SLV-3

Solution :

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

- IRNSS is a navigation satellite.
- IRNSS stands for Indian Regional Navigation Satellite System.
- It is an autonomous regional satellite navigation system that provides accurate real-time positioning and timing services.

Question 113 :

Some of the greatest scientists gathered in the 1940s to figure out how to refine uranium and build an atomic bomb. What was their work called?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

Manhattan Project

2. Atomic Heritage

3. Pearl Harbour Project

4. Los Alamos Project

Solution :

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

- Some of the greatest scientists gathered in the 1940s to figure out how to refine uranium and build an atomic bomb. Their work was called Manhattan Project.
- It produced the first nuclear weapons.

Question 114 :

_____ became the latest sportsperson to win four consecutive Olympic gold medals in the same event.

Difficulty : Moderate   Average Time : 47 Seconds

Options :

1. Usain Bolt

2. Michael Phelps

3. Larisa Latynina

4. Dipa Karmakar

Solution :

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

- Michael Phelps became the latest sportsperson to win four consecutive Olympic gold medals in the same event.
- He won eight gold medals at the 2008 Beijing Games.

Question 115 :

Page No: 82

Henri Becquerel was associated with the discovery of _____.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Genetics

2. Radioactivity

3. Inductance

4. Conductivity

Solution :

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

- Henri Becquerel was associated with the discovery of radioactivity.
- He was the first person to discover evidence of radioactivity.

Question 116 :

R K Narayan is NOT the author of the book _____.

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. The Bachelor of Arts

2. The English Teacher

3. Two Leaves and a Bud

4. Waiting for the Mahatma

Solution :

The correct answer is **option 3** i.e. **Two Leaves and a Bud.**

- R.K.Narayan is NOT the author of the book Two Leaves and a Bud.
- The Bachelor of Arts, The English Teacher, and Waiting for the Mahatma are books written by R.K.Narayan.

Question 117 :

The Arjuna Awardee for 2016 in the discipline of Athletics was:

Difficulty : Moderate   Average Time : 49 Seconds

Options :

1. Amit Kumar Saroha

2. Lalita Babar

3. M.R.Poovamma

4. Tintu Luka

Solution :

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

- The Arjuna Awardee for 2016 in the discipline of Athletics was Lalita Babar.
- She was named the Sports Person of the Year in the India Sports Awards 2015.

Question 118 :

Based on the 26th January 2002 legislation, what is NOT true with respect to the rules for flying the Indian tricolor?

Difficulty : Moderate   Average Time : 47 Seconds

Options :

1. The flag cannot be intentionally allowed to touch the ground

2. The flag cannot be used for communal gains

3. The tricolor cannot be used as a festoon, rosette or bunting

4. Private citizens have no right to fly the flag on their premises

Solution :

The correct answer is **option 4** i.e. **Private citizens have no right to fly the flag on their premises.**

- Based on the 26th January 2002 legislation, private citizens have no right to fly the flag on their premises is not true with respect to the rules for flying the Indian tricolor.

Question 119 :

Which one of the following acids is the primary constituent of vinegar?

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

Options :

1. Nitric

2. Acetic

3. Humic

4. Oxalic

Solution :

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

- Acetic acid is a colorless liquid organic compound with the chemical formula CH_3COOH.
- The primary constituent of vinegar is acetic acid.

Question 120 :

Collateral security for a loan is:

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

Options :

1. A liability of the lender

2. Owned but the lender

An asset of the borrower

4. A liability of the borrower

Solution :
The correct answer is **option 3** i.e. **An asset of the borrower.**

- Collateral security for a loan is an asset of the borrower.
- It acts as a form of protection for the lender.
- That is, if the borrower defaults on their loan payments, the lender can seize the collateral and sell it to recoup some or all of its losses.

Rrb Ntpc CBT - 2 Previous Year Question Paper Analysis

The analysis of Rrb Ntpc CBT - 2 Previous Year Question Paper held on 2022-05-09 in the Evening exam is as follows:
1. 120 questions were moderate.
2. The safe score is 78 marks.
3. 116 questions were asked from CBT - 2, 2 questions were asked from MATHS, 1 questions were asked from REASONING and 1 questions were asked from SURPRISE TEST CGL and CHSL
4. 2 questions should have been skipped if you were short of time.

Rrb Ntpc CBT - 2 Previous Year Question Paper Topic Wise Weightage

CBT - 2

MATHS

MATHS

REASONING

SURPRISE TEST CGL and CHSL

Rrb Ntpc CBT - 2 Previous Year Question Paper Tips and Tricks

1. Try to solve Rrb Ntpc CBT - 2 Previous Year Question Paper without taking any help from the solutions.
2. Rrb Ntpc CBT - 2 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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