

RRB GROUP - D SHIFT - 3 (25-08-2022)



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Test Date	25/08/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

^{*} Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- 1. Options shown in green color with a tick icon are correct.
- 2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

- Q.1 Which of the following is not the use of washing soda?
 - (i) Manufacture of glass, soap and paper
 - (ii) As a cleaning agent for domestic purposes
 - (iii) For removing permanent hardness of water
 - (iv) Baking cake

Ans 🔀 1. ii

✓ 2. iv

X 3. iii

X 4. i

Question ID: 7518973662

Option 1 ID: 75189714646

Option 2 ID: 75189714648

Option 3 ID: 75189714647

Option 4 ID: 75189714645

Status : Answered



Q.2 A sum was invested at a certain rate of simple interest per annum for 2 years. Had it been invested at 2% per annum more than the existing rate, the simple interest accrued in the 2 years would have been ₹240 more. Find the sum invested.

Ans × 1. ₹24,000

×2. ₹8,000

X 3. ₹16,000

√ 4. ₹6,000

Question ID: 7518975847
Option 1 ID: 75189723386
Option 2 ID: 75189723385
Option 3 ID: 75189723388
Option 4 ID: 75189723387
Status: Not Answered

Chosen Option : --

Q.3 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

RBM 7, NXI 11, JTE 13, FPA 17, BLW 19, ?

Ans 🗸 1. XHS 23

× 2. XSO 21

X 3. XOS 21

X 4. FHA 23



Question ID : 7518977338 Option 1 ID : 75189729352 Option 2 ID : 75189729349 Option 3 ID : 75189729350 Option 4 ID : 75189729351 Status : Answered

Chosen Option: 1

Find the value of $\frac{\sqrt{729}}{15} \times \frac{25}{\sqrt{81}} \times \frac{15}{\sqrt{225}}$.

Ans X 1. 3

× 2. 2

√ 3. **5**

X 4. 4

Question ID : **7518976014** Option 1 ID : **75189724054**

Option 2 ID : **75189724055** Option 3 ID : **75189724056**

Option 4 ID : **75189724053** Status : **Answered**

Q.5 The atomic size _____ moving from left to right and _____ moving from up to down in the periodic table. Ans × 1. increases, decreases 2. decreases, decreases × 3. increases, increases Question ID: 7518973722 Option 1 ID: 75189714887 Option 2 ID: 75189714886 Option 3 ID: 75189714888 Option 4 ID: 75189714885 Status: Marked For Review Chosen Option : 1 Q.6 Which of the following sexually transmitted diseases is transmitted by a virus? Ans 🗙 1. Syphilis ✓ 2. AIDS X 3. Cold X 4. Gonorrhoea Question ID: 7518974416 Option 1 ID: 75189717663 Option 2 ID: 75189717662 Option 3 ID: 75189717661 Option 4 ID: 75189717664 Status: Answered Chosen Option: 2 Q.7 In a certain code language, 'NATURE' is written as 'QYWSUC' and 'REASON' is written as 'UCDQRL'. How will 'LOTION' be written in that language? Ans X 1. NMVGQL × 2. OLWFRK ★ 4. MNGVLQ Question ID: 7518977356 Option 1 ID: 75189729422 Option 2 ID: 75189729423 Option 3 ID: 75189729424 Option 4 ID: 75189729421 Status: Answered



Q.8 Which of the following sequences of events occurs during the formation of urine in the human body?

Ans

- 1. Filtration, reabsorption, secretion
- X 2. Secretion, filtration, reabsorption
- × 3. Reabsorption, filtration, secretion, storage
- ¥ 4. Filtration, secretion, reabsorption, secretion

Question ID: 7518974406

Option 1 ID: 75189717621

Option 2 ID: 75189717623

Option 3 ID: 75189717624

Option 4 ID: 75189717622 Status: Not Answered

Chosen Option: --

Q.9 The Right to Education in the Indian Constitution was added by introducing a new Article, Fundamental Rights in 2002 by the 86th Constitutional Amendment.

, in the Chapter on

Ans

X 2. 23A

X 3. 19A

X 4. 25A

Question ID: 7518974292

Option 1 ID: 75189717166

Option 2 ID: 75189717167

Option 3 ID: 75189717165

Option 4 ID: 75189717168

Status: Answered

Chosen Option: 1

Q.10

Simplify
$$\frac{3^2 \times 2^4 \times 7^2}{3^2 \times 56}$$
.

Question ID: 7518975797

Option 1 ID: 75189723188

Option 2 ID: 75189723186

Option 3 ID: 75189723187

Option 4 ID: 75189723185

Status: Answered

Q.11 Which of the following optical devices can be used to produce a parallel beam of rays from a point source of light? (A) Convex lens (B) Concave lens (C) Concave mirror (D) Convex mirror Ans ★ 1. Both (A) and (B) **X** 3. Both (A) and (D) ★ 4. Both (B) and (C) Question ID: 7518975410 Option 1 ID: 75189721637 Option 2 ID: 75189721638 Option 3 ID: 75189721640 Option 4 ID: 75189721639 Status: Not Answered Chosen Option : --Q.12 An object is placed in front of a convex mirror at a point between infinity and the pole of the mirror. The image formed Ans 🗸 1. virtual and erect × 2. virtual and inverted × 3. real and inverted ★ 4. real and erect Question ID: 7518976572 Option 1 ID: 75189726287 Option 2 ID: 75189726288 Option 3 ID: 75189726286 Option 4 ID: 75189726285 Status: Not Answered Chosen Option: -- $^{\mbox{\scriptsize Q.13}}$ If the surface area of a spherical ball is 616 $m^2,\;$ its volume is: Ans \checkmark 1. 1437.33 m^3 × 2. 1657.29 m³ × 3. 1238.33 m³ × 4. 1786.35 m³ Question ID: 7518975752 Option 1 ID: 75189723008 Option 2 ID: 75189723007



Option 3 ID : **75189723005** Option 4 ID : **75189723006** Status : **Answered**

Q.14 The position of how many letters will remain unchanged if each of the letters in the word BREAKDOWN is arranged in alphabetical order?

Ans

X 1. 3

X 2. 4

X 3. 1

√ 4. 2

Question ID: 7518974793 Option 1 ID: 75189719171 Option 2 ID : **75189719172** Option 3 ID: **75189719169**

Option 4 ID: 75189719170 Status: Answered

Chosen Option : 4

Q.15 Which of the following educational Institutes won the Rashtriya Khel Protsahan Puruskar 2021 in the category 'Identification and Nurturing of Budding and Young Talent'?

Ans X 1 Lingayas Institute of Management and Technology

× 2. Indian Institute of Technology

3. Manav Rachna Educational Institution

Maharashtra Institute of Technology

Maharashtra Institute of Maharashtra Insti

Question ID: 7518976502 Option 1 ID: 75189726007 Option 2 ID: 75189726005 Option 3 ID: 75189726006 Option 4 ID: 75189726008

Status: Marked For Review

Chosen Option: 1

 $\textbf{Q.16} \quad I \text{ walk at a speed of } 10 \text{ km/h} \text{ and reach the destination in } 2 \text{ hrs. If I increase my speed by } 5 \text{ km/h}, \text{how early would I } 10 \text{ km/h} \text{ and reach the destination in } 2 \text{ hrs. If I increase my speed by } 5 \text{ km/h}, \text{how early would I } 10 \text{ km/h} \text{ and } 10 \text{ km$ reach my destination?

Ans 🗳 1. 40 min

X 2. 30 min

X 3. 20 min

× 4. 50 min

Question ID: 7518975647

Option 1 ID: 75189722587 Option 2 ID: 75189722586

Option 3 ID: 75189722585 Option 4 ID: 75189722588

Status: Not Answered



Q.17 Who is remembered as 'Deshbandhu', who served as the President of the Indian National Congress for one session in 1922 and co-founded the Swaraj Party with Motilal Nehru?

Ans X 1. Aurobindo Ghosh

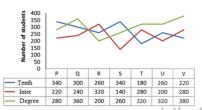
X 2. Lala Lajpat Rai

X 4. Gopal Krishna Gokhale

Question ID : 7518973995 Option 1 ID : 75189715979 Option 2 ID : 75189715977 Option 3 ID : 75189715980 Option 4 ID : 75189715978

Status : **Answered** Chosen Option : **3**

Q.18 The following line graph shows the educational qualifications of students (Tenth, Intermediate [Inter] and Degree) of seven districts, P, Q, R, S, T, U and V, of a state. Study the graph and answer the question.



What is the difference between the total number of students with Tenth qualification from all the districts together and the total number of students with Degree qualification from all the districts together?

Ans X 1. 240

× 2. 210

X 3. 230

4. 220

Question ID : 7518977426

Option 1 ID: **75189729702**Option 2 ID: **75189729704**Option 3 ID: **75189729701**

Option 4 ID: 75189729703

Status: Marked For Review

Chosen Option : 4

Q.19 Sam steps out from his house and walks 160 m towards the east. He then takes a right turn and walks 50 m. He then turns right and walks 70 m. He then turns left and walks 35 m. He then turns right and walks 90 m to reach a gift shop.

How far and in which direction is the gift shop from Sam's house? (All turns are 90 degree turns only)

Ans X 1. 120 m, South

X 3. 85 m, North

X 4. 120 m, North

Question ID : 7518975048

Option 1 ID : **75189720191** Option 2 ID : **75189720189**

Option 3 ID : **75189720190** Option 4 ID : **75189720192**

Status : Answered



Q.20 Marathi, which is an Indo-Aryan language, is the _____ largest language spoken by 6.86% of the total population of India according to the 2011 census.

Ans X 1. Fifth

X 2. Fourth

X 3. Second

✓ 4. Third

Question ID : 7518974011
Option 1 ID : 75189716044
Option 2 ID : 75189716043
Option 3 ID : 75189716041
Option 4 ID : 75189716042
Status : Answered

Chosen Option: 1

Q.21 Consider the below statements and identify the correct answer.

Statement I: Graphite is bad conductors of electricity.

Statement II: In graphite, each carbon atom is bonded to three other carbon atoms in the same plane giving a hexagonal array.

Ans X 1. Both the statements are correct.

Both the statements are incorrect.

★ 3. Statement I is correct, and Statement II is incorrect.

4. Statement II is correct, and Statement I is incorrect.

Question ID : 7518973555
Option 1 ID : 75189714219
Option 2 ID : 75189714220
Option 3 ID : 75189714217
Option 4 ID : 75189714218
Status : Marked For Review

Chosen Option : 1

Q.22 The 'Kangra' and 'Kullu' valley is situated in which state of India?

Ans X 1. Uttarakhand

× 2. Sikkim

★ 3. Arunachal Pradesh

4. Himachal Pradesh

Question ID : 7518976492 Option 1 ID : 75189725965 Option 2 ID : 75189725967 Option 3 ID : 75189725968 Option 4 ID : 75189725966 Status : Answered



Q.23 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SEARCH: ESRAHC:: DESIGN: EDISNG:: LAYOUT:?

Ans X 1. UTYOLA

✓ 2. ALOYTU

X 3. UYTLOA

X 4. AOLTYU

Question ID: 7518977376 Option 1 ID: 75189729503 Option 2 ID: 75189729502 Option 3 ID: 75189729501 Option 4 ID: 75189729504

Status : **Answered** Chosen Option : **2**

Q.24 What approximate value should come in place of the question mark (?) in the following equation?

126.012 × 14.987 - 603.045 = ? + 261.987

Ans X 1. 845

× 2. 875

X 3. 1235

4. 1025

Question ID: 7518977405 Option 1 ID: 75189729618 Option 2 ID: 75189729617

Option 3 ID : **75189729620**Option 4 ID : **75189729619**Status : **Answered**

Chosen Option : 4

 $^{Q.25}$ Which state is famous for celebrating the Pongal festival?

Ans 🗸 1. Tamil Nadu

× 2. Odisha

× 3. Telangana

★ 4. Tripura

Question ID: 7518977187

Option 1 ID : **75189728745**

Option 2 ID: 75189728747

Option 3 ID : **75189728748** Option 4 ID : **75189728746**

Status : Answered

 $^{Q.26}$ Which of the following is NOT a main site of transpiration? Ans X 1. Cuticle X 2. Lenticels X 4. Stomata Question ID: 7518974354 Option 1 ID: 75189717413 Option 2 ID: 75189717414 Option 3 ID: 75189717416 Option 4 ID: 75189717415 Status: Not Answered Chosen Option: --Q.27 The Sarpanch or the president of the Gram Panchayat is elected by the ward members as per the State Act for a period Ans × 1. 2 **√** 2. **5 X** 3. 3 X 4. 1 Question ID: 7518974112 Option 1 ID: 75189716447 Option 2 ID: 75189716445 Option 3 ID: 75189716446 Option 4 ID: 75189716448 Status : Answered Chosen Option: 2 Q.28 Which of the following numbers will replace the question mark (?) in the given series? 5, 24, 46, 74, 111, 160, 224, ? Ans X 1. 305 X 2. 350 **√** 3. 306 X 4. 360 Question ID: 7518977387 Option 1 ID: 75189729547 Option 2 ID: 75189729548 Option 3 ID: 75189729545 Option 4 ID: 75189729546 Status: Marked For Review Chosen Option: 3



Q.29 Shaily starts walking from her home and goes 45 m towards the east. She then takes a right turn and walks 85 m. She then turns left and walks 40 m. She then takes a final left turn and walks 85 m to reach an ATM. How far is the ATM from her home? (All turns are 90 degree turns only)

Ans X 1. 80 m

X 2. 125 m

× 3. 40 m

√ 4. 85 m

Question ID : 7518975256 Option 1 ID : 75189721021 Option 2 ID : 75189721024 Option 3 ID : 75189721023 Option 4 ID : 75189721022 Status : Answered

Chosen Option : 4

Q.30 Consider the below statements and identify the correct answer.

Statement I: Lithium, Sodium and Rubidium are elements of Dobereiner's triad.

Statement II: In triads, the atomic mass of the middle element was roughly the average of the atomic masses of the other two elements

- Ans X 1. Statement I is correct, Statement II is incorrect.
 - ✓ 2. Statement II is correct, Statement I is incorrect.
 - × 3. Both statements are incorrect.
 - X 4. Both statements are correct.

Question ID: 7518973701
Option 1 ID: 75189714801
Option 2 ID: 75189714802
Option 3 ID: 75189714804
Option 4 ID: 75189714803

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.31 The roots of quadratic equation that satisfies $12 x^2 = 27x$ are:

Ans

$$\checkmark$$
 1. 0, $\frac{9}{4}$

$$\times$$
 2. 1, $\frac{4}{3}$

$$\times$$
 3. $0, \frac{3}{4}$

$$\times$$
 4. 1, $\frac{3}{4}$

Question ID : 7518976160 Option 1 ID : 75189724639 Option 2 ID : 75189724638 Option 3 ID : 75189724640 Option 4 ID : 75189724637

Status : **Answered** Chosen Option : **1** Q.32 Find the mean of the following data.

Х	3	2	10	4	5	
f	5	3	4	2	6	

Ans X 1. 3.68

√ 2. **4.95**

X 3. 8.65

X 4. 6.52

Question ID: 7518975677

Option 1 ID: 75189722708

Option 2 ID: 75189722706

Option 3 ID: 75189722707

Option 4 ID: 75189722705

Status: Not Answered Chosen Option: --

Q.33 A certain number of people are sitting in a row, facing the north. Only 6 persons are sitting between Monika and Dipen. Monika is at the 8th place from the extreme right end of the row. Ketan is at some place towards the left of Monika. Ketan and Monika have exactly 3 persons sitting between them. Ketan is at the 10^{th} place from the extreme left end. Dipen is sitting at the extreme right end. If no other person is sitting in the row, what is the total number of persons seated?

Ans 🗳 1. 21

X 2. 23

X 3. 22

X 4. 20

Question ID: 7518975166

Option 1 ID: 75189720662

Option 2 ID: 75189720664

Option 3 ID: 75189720663

Option 4 ID: 75189720661 Status : Answered

Chosen Option : 1

Q.34 According to Centre for Monitoring Indian Economy (CMIE), which state recorded the highest unemployment rate in

Ans

🗸 1. Haryana

X 2. Kerala

✗ 3. Gujarat

X 4. Goa

Question ID: 7518976482

Option 1 ID: 75189725928

Option 2 ID: 75189725927

Option 3 ID: 75189725925

Option 4 ID: 75189725926 Status: Answered

Q.35 The 'Garo', 'Khasi' and 'Jaintia' hills are part of which physical division of India?

Ans X 1. The Coastal Plains

✓ 2. The Peninsular Plateau

X 3. The Himalayan Mountain

X 4. The Northern Plains

Question ID: 7518976493

Option 1 ID: 75189725972

Option 2 ID: 75189725970

Option 3 ID: 75189725969

Option 4 ID: 75189725971

Status: Marked For Review

Chosen Option: 4

 $^{\mathrm{Q.36}}$ Find the mean proportional between 17 and 68.

Ans X 1. 42

X 2. 38

X 3. 46

√ 4. 34

Question ID: 7518976058 Option 1 ID: 75189724231 Option 2 ID: 75189724230 Option 3 ID: 75189724232 Option 4 ID: 75189724229

Status : **Answered** Chosen Option : **4**

Q.37 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 313, 13)

(7, 50, 1)

Ans X 1. (12, 158, 12)

√ 2. (9, 90, 3)

X 3. (4, 125, 11)

X 4. (15, 150, 10)

Question ID: 7518975082

Option 1 ID: 75189720326

Option 2 ID: 75189720327

Option 3 ID : **75189720328**

Option 4 ID: 75189720325

Status: Not Answered



Q.38 A, B and C started a business with investments in the ratio 20:15:12. After 3 months C withdrew half of his investment and after another 9 months, a profit of ₹3,23,000 is divided among them. The share of C is:

Ans ✓ 1. ₹57,000

× 2. ₹1,57,000

×3. ₹1,52,000

× 4. ₹1,14,000

Question ID : 7518975837 Option 1 ID : 75189723347 Option 2 ID : 75189723346 Option 3 ID : 75189723348 Option 4 ID : 75189723345

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.39 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. E is sitting at any one of the sides and is the immediate neighbour of both B and D. C is sitting exactly opposite to D, and H is sitting exactly opposite to B. G is sitting second to the left of E and to the immediate left of D. F is exactly opposite to G. Who among the following is sitting exactly opposite to A?

Ans X1. B

√ 2. E

X 3. **F**

X 4. G

Question ID : 7518977295

Option 1 ID : 75189729180

Option 2 ID: **75189729177**

Option 3 ID : **75189729179** Option 4 ID : **75189729178**

Status : Answered

Chosen Option: 2

Q.40 What is another term for 'pedology'?

Ans

★ 1. Oceanography

X 2. Geomorphology

X 3. Phyto Geography

Question ID: 7518977247

Option 1 ID: 75189728988

Option 2 ID: 75189728987

Option 3 ID: **75189728985**

Option 4 ID : **75189728986** Status : **Answered**



 $\textbf{Q.41} \quad \text{Which vulgar fraction is equal in value to the mixed recurring decimal } 0.3125125125\dots?$ Ans 4995 1561 4995 1653 4995 Question ID: 7518976236 Option 1 ID: 75189724944 Option 2 ID: 75189724941 Option 3 ID: 75189724943 Option 4 ID: 75189724942 Status : Answered Chosen Option: 2 Q.42 What day of the week was 1 January 2009, if 1 January 2006 was a Sunday? ★ 1. Wednesday × 2. Saturday ✗ 3. Friday Question ID: 7518976422 Option 1 ID: 75189725685 Option 2 ID: 75189725688 Option 3 ID: 75189725687 Option 4 ID: 75189725686 Status: Answered Chosen Option: 1 Q.43 The least number which, when diminished by 7, is divisible by 12, 16, 18 and 21 is: Ans √ 1. 1015 × 2. 1051 X 3. 1105 X 4. 1150 Question ID: 7518975822 Option 1 ID: 75189723288 Option 2 ID: 75189723286 Option 3 ID: 75189723287 Option 4 ID: 75189723285 Status: Answered Chosen Option : 1



Q.44 Which of the following statements regarding fertilizers is FALSE?

Ans X 1. Must be properly stored

- × 2. Leaches out with rains or irrigation water
- ✓ 3. Never contaminate air and water
- ★ 4. Nutrient amounts calculated in advance can be applied.

Question ID: 7518974327 Option 1 ID: 75189717308 Option 2 ID: 75189717306 Option 3 ID: 75189717307 Option 4 ID: 75189717305

Status : **Answered** Chosen Option : **3**

Q.45 Two pipes A and B can fill the tank in 5 hours and 8 hours, respectively. Pipe C can empty the same tank in 10 hours. Find the time taken to fill the empty tank when all the pipes are opened simultaneously.

Ans

- \times 1. $4\frac{7}{9}$ hours
- \checkmark 2. $4\frac{4}{9}$ hours
- \times 3. $4\frac{2}{9}$ hours
- \times 4. $4\frac{5}{9}$ hours

Question ID : 7518975888

Option 1 ID: 75189723551

Option 2 ID: 75189723552

Option 3 ID: 75189723549

Option 4 ID : **75189723550** Status : **Answered**

Chosen Option : 2

Q.46

Who among the following is the in charge of the Union Territories in the absence of the Chief Minister?

Ans

- Lieutenant Governor
- × 2. President
- X3. Chief Justice of India
- X 4. Prime Minister

Question ID: **7518973929**Option 1 ID: **75189715714**Option 2 ID: **75189715715**

Option 3 ID : **75189715713**

Option 4 ID : **75189715716** Status : **Answered**



 $^{\mbox{\scriptsize Q.47}}$ For the following data, find the weighted mean.

X_i 4 3 5 7 2 1

W_i 1 0 2 1 3 5

Ans 🗸 1. 2.66

X 2. 5.6

X 3. 7.5

X 4. 8

Question ID : 7518975671 Option 1 ID : 75189722682 Option 2 ID : 75189722681 Option 3 ID : 75189722684 Option 4 ID : 75189722683

Status : Not Answered

Chosen Option : --

Q.48 Which of the following is the correct set of raw materials for washing soda preparation?

Ans

✓ 1. NaCl, NH₃, CO₂

× 2. NaCl, CO₂

★ 3. NaCl and H₂O

× 4. NaCl, NH₃

Question ID: 7518973667

Option 1 ID : 75189714665

Option 2 ID : **75189714666**

Option 3 ID : **75189714668** Option 4 ID : **75189714667**

Status : Marked For Review

Chosen Option : 1

Q.49 Six friends scored different marks in their annual psychology examination. Q scored more than exactly four friends. M scored more than exactly three friends. Both P and N scored more than T. Y scored the least marks. N is not the top scorer. Who scored the highest marks?

Ans $\sqrt{1}$ P

X 2. **Q**

X 3. **M**

X 4. **T**

Question ID : 7518974777

Option 1 ID: 75189719108

Option 2 ID: 75189719107

Option 3 ID: 75189719106

Option 4 ID : **75189719105**Status : **Answered**



Q.50
In March 2022, who unveiled a new brand 'VIDA' for its emerging mobility solutions and upcoming electric vehicles?

Ans

1. Tata Motors

**2. Maruti Suzuki*

3. Hero Motocorp

× 4. Hyundai Motors

Question ID : 7518973848

Option 1 ID : 75189715389

Option 2 ID : 75189715390

Option 3 ID : 75189715392

Option 4 ID : 75189715391

Status : Marked For Review

Chosen Option: 4

Q.51 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. A is sitting at one of the corners and is the immediate neighbour of E and F. D is sitting exactly opposite to A and to the immediate left of B. C is sitting at one of the corners and to the immediate right of F. G is not sitting at any of the corners. Who among the following is sitting exactly opposite to F?

Ans

√ 1. B

X 2. G

X 3. **E**

X 4. H

Question ID: 7518977294
Option 1 ID: 75189729174
Option 2 ID: 75189729173
Option 3 ID: 75189729175
Option 4 ID: 75189729176
Status: Answered

Q.52 The material most suitable for making the filament of an incandescent bulb is:

Ans X 1. tin-lead alloy

X 2. nichrome

X 3. manganin

Question ID: 7518975485
Option 1 ID: 75189721939
Option 2 ID: 75189721940
Option 3 ID: 75189721938
Option 4 ID: 75189721937
Status: Answered

Chosen Option: 4



Q.53 In \triangle PQR, \angle PQR = 90°, m(\overline{PQ}) = 3 cm and m(\overline{PR}) = 6 cm. What is the measure of \angle PRQ?

Ans $\times 1.45^{\circ}$

X 2. 70°

X 3. 60°

√ 4. 30⁰

Question ID: 7518975996

Option 1 ID: **75189723982**Option 2 ID: **75189723984**Option 3 ID: **75189723983**

Option 4 ID : **75189723981**

Status: Marked For Review

Chosen Option: 4

Q.54 Which of the following numbers will replace the question mark (?) in the given series?

25, 29, 38, 54, 79,?

Ans X 1. 110

X 2. 96

X 3. 120

√ 4. 115

Question ID: 7518975282

Option 1 ID: 75189721126

Option 2 ID: 75189721125

Option 3 ID : **75189721128** Option 4 ID : **75189721127**

Status : Answered

Chosen Option: 4

Q.55 A decision is given followed by two statements I and II. Read all the information carefully and select the correct option.

Decision:

Company K has a wide chain of grocery stores and sweet shops across all cities and even villages of Country M. The CEO of Company K has decided to discontinue cash payments completely from next month onwards.

Statements:

I. As per the reports of the last 3 years, around 24% of payments each month were through cash.

II. 35% of the population of Country M is either illiterate or does not have access to bank accounts.

Ans \times 1. Both statements I and II strengthen the decision

X 2

Statement I is a neutral statement and II weakens the decision

X 3

Statement I weakens the decision and statement II is a neutral statement

✓ 4. Both statements I and II weaken the decision

Question ID: 7518976758

Option 1 ID: 75189727029

Option 2 ID: 75189727032

Option 3 ID: 75189727030

Option 4 ID: **75189727031**Status: **Not Answered**



Q.56 Simplify $(a + 2b - c)(b - c) + (a - c)2b + b^2$.

Ans \times 1. $2b^2 + 3ab - 4bc + c$

 \checkmark 2. $3b^2 + c^2 + 3ab - 5bc - ac$

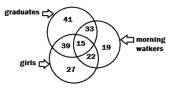
 \times 3. 3ab - 5bc - ac - 2abc

 \times 4. $3b^2 + 3ab - 5bc - ac$

Question ID : 7518975691
Option 1 ID : 75189722762
Option 2 ID : 75189722763
Option 3 ID : 75189722764
Option 4 ID : 75189722761
Status : Not Answered

Chosen Option: --

Q.57 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



Which of the following statements is correct on the basis of the above diagram

Ans X 1.

The number of morning walkers who are also girls but not graduates is 19.

X 2

The number of girls who are both graduates and morning walkers is 39.

√ 3

The number of graduates who are also morning walkers but not girls is 33.

X 4.

The number of graduates who are also girls but not morning walkers is 22.

Question ID : 7518975185

Option 1 ID: 75189720737

Option 2 ID: 75189720738

Option 3 ID: 75189720740

Option 4 ID: 75189720739

Status : Answered

Q.58 Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the

Statements:

Some prizes are caps.

Some caps are medals.

All prizes are masks.

Conclusions:

I. Some masks are caps.

II. Some masks are medals.

Ans X 1. Neither conclusion I nor II follows

★ 2. Only conclusion II follows

X 4. Both conclusions I and II follow

Question ID: 7518975171 Option 1 ID: 75189720684

Option 2 ID: 75189720682 Option 3 ID: 75189720681 Option 4 ID: 75189720683

Status: Answered Chosen Option: 3

Q.59 An electric device draws a current of 5 A when connected to a 220 V supply. The power of the electric device is:

Ans

X 1. 0.44 kW

2. 1.1 kW

X 3. 110 W

X 4. 440 W

Question ID: 7518975501

Option 1 ID: 75189722001

Option 2 ID: 75189722002

Option 3 ID: 75189722003

Option 4 ID: 75189722004 Status: Answered

Chosen Option: 2

Q.60 Chandra is 10 years younger than Chandrika. 5 years later Chandrika will be twice as old as Chandra. Find Chandrika's present age.

Ans X 1. 20 years

× 3. 10 years

× 4. 25 years

Question ID: 7518975935

Option 1 ID: 75189723739

Option 2 ID: 75189723738

Option 3 ID: 75189723737

Option 4 ID: 75189723740 Status: Not Answere



Q.61 What is the average amount of urine that an adult human produces in 24 hours?

Ans X 1. 1.5-2.5 litres

× 2. 1.5-2 litres

× 3. 1-1.5 litres

√ 4. 1-1.8 litres

Question ID: 7518974404
Option 1 ID: 75189717616
Option 2 ID: 75189717615
Option 3 ID: 75189717613
Option 4 ID: 75189717614
Status: Marked For Review

Chosen Option: 2

Q.62 Which state on 23 December 2021, passed Shakti Criminal Laws?

Ans X 1. Karnataka

× 2. Assam

X 4. Kerala

Question ID : 7518976526
Option 1 ID : 75189726103
Option 2 ID : 75189726104
Option 3 ID : 75189726102
Option 4 ID : 75189726101
Status : Marked For Review

Chosen Option: 3

Q.63 Which of the following is/are example(s) of exothermic reaction?

- Making of slaked lime
- (ii) Burning of natural gas
- (iii) Respiration

Ans X 1. Only ii

✓ 2. All i, ii, iii

X 3. Only i

X 4. Both i and ii

Question ID: 7518973574
Option 1 ID: 75189714294
Option 2 ID: 75189714296
Option 3 ID: 75189714293
Option 4 ID: 75189714295
Status: Not Answered



Q.64 What is the nature of the roots of $3x^2 - 6x + 5 = 0$?

Ans \times 1. The roots are real and more than 2.

X 2. The roots are real and distinct.

√ 3. There are no real roots.

★ 4. The roots are real and equal.

Question ID: 7518975953 Option 1 ID: 75189723811 Option 2 ID: 75189723810 Option 3 ID: 75189723812 Option 4 ID: 75189723809 Status: Not Answered

Chosen Option: --

Q.65 A parallelogram has one parallel side length of 12 cm and perpendicular distance between its base and other parallel side is 8 cm. Its area is _

Ans \times 1. 24 cm²

× 2. 192 cm²

× 3. 48 cm²

√ 4. 96 cm²

Question ID: 7518976207 Option 1 ID: 75189724827 Option 2 ID: 75189724828

Option 3 ID: 75189724826 Option 4 ID: 75189724825

Status: Marked For Review

Chosen Option: 3

Q.66 An object of size 3.0 cm is placed in front of a concave mirror of focal length 18 cm, at a distance of 54 cm. The image formed is _____ and its height is ____

Ans

✓ 1 inverted, 1.5 cm

X 2. erect, 1.5 cm

× 3. inverted, 0.75 cm

× 4. erect, 0.75 cm

Question ID: 7518976612

Option 1 ID: 75189726448

Option 2 ID: 75189726447

Option 3 ID: 75189726446

Option 4 ID: 75189726445 Status: Not Answered

 $\textbf{Q.67} \quad \text{In triangle ABC, AB} = 3 \text{ m, BC} = 4 \text{ m, and AC} = 5 \text{ m. In triangle PRQ, PR} = 4 \text{ m, PQ} = 5 \text{ m, and RQ} = 3 \text{ m.}$

Which of the following is a correct order of congruency?

Ans × 1. ▲ CBA congruent to ▲ RPQ

X 2. ▲ABC congruent to ▲RPQ

× 4. ▲BAC congruent to ▲RPQ

Question ID: 7518975771
Option 1 ID: 75189723083
Option 2 ID: 75189723084
Option 3 ID: 75189723082
Option 4 ID: 75189723081
Status: Not Answered

Chosen Option : --

Q.68 The S.I unit of resistance is equivalent to:

Ans volt/ampere

× 2. joule/coulomb

X 3. coulomb/joule

★ 4. ampere/volt

Question ID : 7518975456 Option 1 ID : 75189721821 Option 2 ID : 75189721823 Option 3 ID : 75189721824 Option 4 ID : 75189721822

Status: Answered

Chosen Option: 1

Q.69 Securities sold by the Central Bank with a clear specification of repurchase date and price is called _____

Ans X 1. outright open market operations

× 3. repurchase agreement

★ 4. Interest Rate Swap

Question ID: **7518977231**Option 1 ID: **75189728924**Option 2 ID: **75189728922**

Option 3 ID : **75189728921** Option 4 ID : **75189728923**

Status : Not Answered



Q.70

In March 2022, which bank launched 'Project Banksakhi' in Odisha?

Ans

- HDFC Bank
- ✓ 2. Bank of Maharashtra
- X 3. Axis Bank
- X 4. PNB Bank

Question ID: 7518973871

Option 1 ID: 75189715483

Option 2 ID: 75189715481

Option 3 ID: 75189715482 Option 4 ID: 75189715484

Status: Not Answered

Chosen Option : --

Q.71 The LCM of two numbers is 385 and their HCF is 7. If the sum of the two numbers is 112, then their difference is:

- Ans X 1. 43
 - **√** 2. **42**
 - **X** 3. 50
 - **X** 4. 35

Question ID: 7518976256

Option 1 ID: 75189725024

Option 2 ID: 75189725021

Option 3 ID: 75189725023

Option 4 ID: 75189725022 Status: Answered

Chosen Option: 2

 $\textbf{Q.72} \quad \text{The reaction in which a single reactant splits into the two or more simpler products is called:} \\$

- √ 1. decomposition reaction
- × 2. combination reaction
- X 3. displacement reaction
- × 4. double displacement reaction

Question ID: 7518973425

Option 1 ID: 75189713700

Option 2 ID: 75189713699

Option 3 ID: 75189713697

Option 4 ID: 75189713698

Status: Not Answered Chosen Option: --



Q.73 Study the given number series and answer the question that follows.

29, 74, 93, 75, 19, 52, 75, 94, 93, 71

If the ten's and one's position is interchanged for all the numbers, then which original number will form the largest and the smallest in the series, respectively?

- Ans 💉 1. 29 and 71
 - X 2. 93 and 94
 - X 3. 93 and 71
 - X 4. 19 and 29

Question ID: 7518974804

Option 1 ID: 75189719216

Option 2 ID: 75189719215

Option 3 ID: 75189719213

Option 4 ID: 75189719214 Status : Answered

Chosen Option: 1

Q.74

Urgelling Gompa is found in the Indian state of

Ans

- Uttarakhand
- × 2. Sikkim
- ✓ 3. Arunachal Pradesh
- * 4. Himachal Pradesh

Question ID: 7518973823

Option 1 ID: 75189715292

Option 2 ID: 75189715289

Option 3 ID: 75189715290 Option 4 ID: 75189715291

Status: Marked For Review

Chosen Option: 3

Q.75 Reaction conditions are indicated at which place in the chemical equation?

X 1. In the beginning of the equation

★ 2. Only above the arrow

✓ 3. Above and/or below the arrow

★ 4. Only below the arrow

Question ID: 7518973565

Option 1 ID: 75189714260

Option 2 ID: 75189714257

Option 3 ID: 75189714259

Option 4 ID: 75189714258 Status: Not Answere



Q.76 Which option correctly shows the path that the sperms take when they are released from the human male reproductive system?

Ans X 1. Testis → Vas deferens → Ureter → Penis

✓ 2. Testis

→ Vas deferens

→ Urethra

→ Penis

 \times 3. Testis \rightarrow Ureter \rightarrow Urethra \rightarrow Penis

X 4. Testis → Ureter → Vas deferens → Penis

Question ID : 7518974617 Option 1 ID : 75189718466 Option 2 ID : 75189718468 Option 3 ID : 75189718465 Option 4 ID : 75189718467 Status : Not Answered

Chosen Option : --

Q.77 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4681342, what will be difference between the highest and lowest digits thus formed?

Ans × 1. 4

X 2. 2

X 3. 5

√ 4. 6

Question ID: 7518975102

Option 1 ID : **75189720406**

Option 2 ID : **75189720405** Option 3 ID : **75189720407**

Option 4 ID : **75189720408**

Status : Answered

Chosen Option: 2

Q.78 The pattern of magnetic field lines due to a current carrying solenoid is similar to a:

Ans X1 current carrying straight wire

✓ 2. bar magnet

X 3. current carrying circular loop

★ 4. horseshoe magnet

Question ID: 7518975517

Option 1 ID: 75189722067

Option 2 ID: 75189722065

Option 3 ID : **75189722068**

Option 4 ID: 75189722066

Status : Answered



Q.79 A shopkeeper offered successive discounts of 10% and 15% on an article having a marked price of ₹28,000. Find the selling price of the article.

Ans × 1. ₹21,240

√ 2. ₹21,420

×3. ₹22,140

× 4. ₹21,402

Question ID : 7518975866 Option 1 ID : 75189723462 Option 2 ID : 75189723461 Option 3 ID : 75189723463 Option 4 ID : 75189723464 Status : Answered

Chosen Option : 2

Q.80 Which of the following apps has been launched to make the Indian Parliament proceedings accessible to the public at large in January 2022?

Ans X 1. Sansad Yojana

X 2. Sansad Dekho Live

🗡 4. Online Sansad Karyawahi

Question ID : **7518974140**Option 1 ID : **75189716560**

Option 2 ID : **75189716558** Option 3 ID : **75189716557** Option 4 ID : **75189716559**

Status: Answered

Chosen Option: 3

Q.81 Which of the following longitudes is considered as the International Date Line?

Ans X 1. 90° E

X 2. 0°

X 3. 90° W

√ 4. 180°

Question ID : 7518974257

Option 1 ID : **75189717026** Option 2 ID : **75189717025**

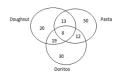
Option 3 ID : **75189717027**

Option 4 ID: 75189717028

Status : Answered



Q.82 Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who eat certain foods in breakfast.



How many people eat Pasta but NOT Doughnut?

Ans

- **√** 1. 62
- X 2. 79
- X 3. 71
- X 4. 50

Question ID: 7518974940

Option 1 ID: 75189719757

Option 2 ID: 75189719760 Option 3 ID: 75189719759

Option 4 ID: 75189719758

Status: Answered

Chosen Option: 1

Q.83 Study the given number, symbol series and answer the question that follows.

8 @ 4 * 7 ^ 5 3 # 9 1 < 5 7 @ 4 \$ # 2 * 6 ! 4 & 9 < 6

How many such numbers are there which are immediately preceded by a symbol and immediately followed by an odd number?

- Ans 🗙 1. 2
 - X 2. 4
 - **√** 3. **3**
 - **X** 4. 5

Question ID: 7518974810

Option 1 ID: 75189719237

Option 2 ID: 75189719239

Option 3 ID: 75189719238

Option 4 ID: 75189719240

Status: Answered

Chosen Option: 1

Q.84 World Water Day is celebrated on _____.

Ans X 1. 26 August

× 2. 15 August

√ 3. 22 March

× 4. 8 March

Question ID: 7518974504

Option 1 ID: 75189718016

Option 2 ID: 75189718015

Option 3 ID: 75189718014

Option 4 ID: 75189718013

Status: Answered Chosen Option: 3



Q.85 In certain store, the profit is 260% of the cost. If the selling price is ₹7,200, then the cost price is:

Ans ×1. ₹3,000

√ 2. ₹2,000

× 3. ₹2,420

×4. ₹2,200

Question ID: 7518976074 Option 1 ID: 75189724296 Option 2 ID: 75189724293 Option 3 ID: 75189724295 Option 4 ID: 75189724294 Status: Answered

Chosen Option : 2

Q.86 Rays coming from the sun are refracted by the atmosphere. Due to this, the apparent sunrise is about sunrise.

Ans X 1. 2 minutes after

√ 2. 2 minutes before

× 3. 1 minute after

X 4. 1 minute before

Question ID: 7518976659 Option 1 ID : **75189726633** Option 2 ID: 75189726634 Option 3 ID: 75189726635

Option 4 ID: 75189726636 Status: Not Answered

Chosen Option: --

Q.87 Each of A, B, C, D, E and F has an exam on a different day of a week starting from Monday and ending on Saturday of the same week. None of them have the exam before C and after B. F has the exam just after A and just before D. E has the exam on Tuesday and just before A. Who among the following has the exam on Friday?

Ans 🗳 1. D

X 2. B

X 3. **F**

X 4. A

Question ID: 7518977305

Option 1 ID: 75189729218 Option 2 ID: 75189729220 Option 3 ID: 75189729217

Option 4 ID: 75189729219 Status: Answered



Q.88 Solve $(a-b)^3 + (b-2c)^3 + (-a+2c)^3$.

Ans $\times 1. \ a - b + 2c$

 \checkmark 2. 3((a-b)(b-2c)(-a+2c))

 \times 3. $(a-b+2c)^2$

 \times 4. a - 2c + 4b

Question ID: 7518975695
Option 1 ID: 75189722777
Option 2 ID: 75189722780
Option 3 ID: 75189722778
Option 4 ID: 75189722779
Status: Not Answered

Chosen Option: --

Q.89 Find the volume of a cuboid whose length is 12 m, breadth is 10 m, and height is 15 m.

Ans \checkmark 1. 1800 m^3

× 2. 1500 m²

× 3. 1800 m²

× 4. 1500 m³

Question ID: 7518975759
Option 1 ID: 75189723033
Option 2 ID: 75189723036
Option 3 ID: 75189723034
Option 4 ID: 75189723035
Status: Answered

Chosen Option : 1

Q.90 Today, age of the father is twice the sum of the ages of his 3 children. After 15 years father's age will be equal to the sum of the ages of his children. How old is the father 15 years from today?

Ans X 1. 90 years

× 2. 85 years

× 4. 95 years

Question ID : 7518975723 Option 1 ID : 75189722891 Option 2 ID : 75189722890 Option 3 ID : 75189722889 Option 4 ID : 75189722892

Status: Not Answered

Q.91 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

35:21::20:12::40:?

- Ans 🗳 1. 24
 - X 2. 39
 - × 3. 42
 - X 4. 26

Question ID: 7518974864 Option 1 ID: 75189719455 Option 2 ID: 75189719453

Option 3 ID: 75189719456 Option 4 ID: 75189719454 Status: Not Answered

Chosen Option : --

Q.92 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $U \le W = V < Y > I \ge F > N$

Conclusions:

I. Y > U

II. N < I

Ans X 1. Neither conclusion I nor II is true

× 2. Only conclusion I is true

X 3. Only conclusion II is true

✓ 4. Both conclusions I and II are true

Question ID: 7518974955

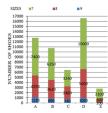
Option 1 ID: 75189719820

Option 2 ID: 75189719817

Option 3 ID: 75189719818

Option 4 ID: 75189719819 Status: Answered

Q.93 Data regarding the sales of the number of shoes of sizes 7, 8 and 9 in five showrooms, A to E, is given in the following stacked bar chart. Study the chart and answer the question.



By approximately what percentage is the sales of shoes of size 8 more than the sales of shoes of size 9 in showroom C?

Ans X 1. 215%

X 2. 225%

× 3. 335%

√ 4. 235%

Question ID: 7518977427

Option 1 ID: 75189729705

Option 2 ID: 75189729706

Option 3 ID: 75189729708 Option 4 ID: 75189729707

Status: Answered

Chosen Option: 4

Q.94 What is the full form of UNEP?

Ans

- ✓ 1. United Nations Environment Programme
- 2. United Nations Environment Planning
- X 3. United Nations Educational Planning
- ★ 4. United Nations Educational Programme

Question ID: 7518974469

Option 1 ID: 75189717874

Option 2 ID: 75189717875

Option 3 ID: 75189717876

Option 4 ID: 75189717873

Status : Answered

 $\textbf{Q.95} \quad \text{In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions}$ which follow. The correct combination of codes following the conditions is your answer.

	Number/ Symbol	9	00	8	4	÷	Ŧ	6	\$!	2	=	5	7	3
Γ	Code	Н	G	K	L	U	Q	S	U	W	Υ	Α	С	E	G

Conditions:

- (i) If the first element is a number and the last, a symbol, the codes for these two (the first and the last elements) are to be interchanged.
- $(ii) \ \ If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as$
- (iii) If both the third and the fourth elements are prime numbers, the fourth element is to be coded as the code for the third element and vice-versa.

Question: 2675\$!

Ans 🖋 1. WSCEUY

X 2. WECSUY

X 3. WSECUY

X 4. WUYECS

Question ID: 7518977361

Option 1 ID: 75189729441

Option 2 ID: 75189729444 Option 3 ID: 75189729443

Option 4 ID: 75189729442

Status : Answered

Chosen Option: 1

Q.96

In February 2022, where was India's most powerful supercomputer Param Pravega launched?

Ans

IIT Roorkee

2. IISc Bengaluru

X 3. IIT Gandhinagar

X 4. IIT Ropar

Question ID: 7518973768

Option 1 ID: 75189715071

Option 2 ID: 75189715070

Option 3 ID: 75189715072

Option 4 ID: 75189715069 Status: Answered



 $\textbf{Q.97} \quad \text{What approximate value should come in place of the question mark (?) in the following equation?}$

 $(23.01 + 16.986) \div 2.023 \times 4.05 - 41.999 + 643.999 = ?$

Ans X 1. 745

× 2. 765

X 3. 542

4 4. 682

Question ID: 7518977406 Option 1 ID: 75189729623 Option 2 ID: 75189729624 Option 3 ID: 75189729621 Option 4 ID: 75189729622

Status : Answered

Chosen Option: 4

Q.98 Eight boxes, P, Q, R, S, T, U, V and W, are kept one over the other, but not necessarily in the same order. V is fourth from the top and immediately below R. W is kept at the topmost position and immediately above P. Only one box is there between S and T. T is kept below S, and U is kept above Q. How many boxes are there between T and Q?

Ans X 1. Three

√ 2. None

X 3. Two

X 4. One

Question ID: 7518977310

Option 1 ID: **75189729240** Option 2 ID: **75189729239**

Option 3 ID : **75189729237** Option 4 ID : **75189729238**

Status : Answered

Chosen Option : 2

Q.99 As of March 2022, who is the President of the Indian Olympic Association?

Ans X 1. Nita Ambani

X 2. Abhay Singh Chautala

√ 3. Narinder Dhruv Batra

× 4. N Ramachandran

Question ID : 7518977144

Option 1 ID: 75189728575

Option 2 ID: **75189728576** Option 3 ID: **75189728573**

Option 4 ID : **75189728574**

Status : Answered



 $\textbf{Q.100} \ \ Identify \ the \ correct \ statement(s) \ from \ among \ the \ following.$

- (a) The direction of magnetic field at a point can be found by placing a magnetic compass at that point.
- (b) A freely suspended magnetic needle points in north-east direction.
- (c) The magnetic field lines are denser near the poles of a magnet.
- (d) Two magnetic field lines can intersect at a given point.

Ans \times 1. Both (a) and (b)

X 2. Both (a) and (d)

X 3. Both (b) and (c)

Question ID: 7518975511

Option 1 ID: 75189722041

Option 2 ID: 75189722044

Option 3 ID: 75189722043 Option 4 ID: 75189722042

Status : Answered

Chosen Option: 4

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