



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
CEN 01/2024 - ALP / सहायक लोको पायलट



Roll Number	
Candidate Name	
Test Center Name	iON Digital Zone iDZ Luthergiri
Test Date	27/11/2024
Test Time	4:30 PM - 5:30 PM
Subject	ALP Stage 1
Application Photograph	
Exam Day Photograph	

* Note

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

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

Section : RRB ALP

Q.1 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and decide which conclusion(s) logically follow(s) from the given statements.

Statements:

Some snakes are lizards.

All roosters are lizards.

Conclusions:

(I) All lizards are roosters.

(II) No roosters are snakes.

Ans ✓ 1. Neither conclusion (I) nor (II) follows.

✗ 2. Only conclusion (I) follows.

✗ 3. Both conclusions (I) and (II) follow.

✗ 4. Only conclusion (II) follows.

Question Type : **MCQ**

Question ID : **6306801225823**

Option 1 ID : **6306804821341**

Option 2 ID : **6306804821339**

Option 3 ID : **6306804821342**

Option 4 ID : **6306804821340**

Status : **Answered**

Chosen Option : **1**

Q.2 A shopkeeper bought an article for ₹319.60. Approximately, at what price should he sell the article to make a 25% profit?

Ans ✗ 1. ₹450

✓ 2. ₹400

✗ 3. ₹600

✗ 4. ₹500

Question Type : **MCQ**

Question ID : **6306801216871**

Option 1 ID : **6306804786898**

Option 2 ID : **6306804786897**

Option 3 ID : **6306804786900**

Option 4 ID : **6306804786899**

Status : **Answered**

Chosen Option : **2**

Q.3 Where does the following reaction take place in a cell? The breakdown of glucose, a six-carbon molecule, into a three-carbon molecule.

Ans ✗ 1. In the Golgi apparatus

✓ 2. In the cytoplasm

✗ 3. In the nucleus

✗ 4. In the mitochondria

Question Type : **MCQ**

Question ID : **6306801223168**

Option 1 ID : **6306804810933**

Option 2 ID : **6306804810930**

Option 3 ID : **6306804810931**

Option 4 ID : **6306804810932**

Status : **Answered**

Chosen Option : **4**

Q.4 Sumit travelled 10 km 120 m by scooter, 1 km 970 m on foot and 15 km 850 m by bus. What is the total distance travelled by Sumit?

- Ans**
- 1. 27 km 930 m
 - 2. 27 km 940 m
 - 3. 27 km 920 m
 - 4. 27 km 950 m

Question Type : **MCQ**
Question ID : **6306801216824**
Option 1 ID : **6306804786711**
Option 2 ID : **6306804786710**
Option 3 ID : **6306804786712**
Option 4 ID : **6306804786709**
Status : **Answered**
Chosen Option : **2**

Q.5 What is the product of $(x + a)$ and $(x + b)$?

- Ans**
- 1. $x^2 + (a + b)x + ab$
 - 2. $x^2 + (a - b)x + ab$
 - 3. $x^2 + (a - b)x - ab$
 - 4. $x^2 + (a + b)x - ab$

Question Type : **MCQ**
Question ID : **6306801216983**
Option 1 ID : **6306804787348**
Option 2 ID : **6306804787345**
Option 3 ID : **6306804787347**
Option 4 ID : **6306804787346**
Status : **Answered**
Chosen Option : **1**

Q.6 If $\sec 4A = \operatorname{cosec} (3A - 50^\circ)$, where $4A$ and $3A$ are acute angles, find the value of $\operatorname{cosec} (A + 25^\circ)$.

- Ans**
- 1. 1
 - 2. $\sqrt{2}$
 - 3. 0
 - 4. $\frac{1}{\sqrt{2}}$

Question Type : **MCQ**
Question ID : **6306801217072**
Option 1 ID : **6306804787702**
Option 2 ID : **6306804787703**
Option 3 ID : **6306804787701**
Option 4 ID : **6306804787704**
Status : **Answered**
Chosen Option : **2**

Q.7 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 Ω 9 # 1 4 6 @ 8 S 2 & % 7 & * £ 5 (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- 1. Zero
 - 2. Two
 - 3. One
 - 4. More than two

Question Type : **MCQ**
Question ID : **6306801226143**
Option 1 ID : **6306804822619**
Option 2 ID : **6306804822621**
Option 3 ID : **6306804822620**
Option 4 ID : **6306804822622**
Status : **Answered**
Chosen Option : **3**

Q.8 Identify one example of change taking place at puberty that can signify sexual maturation.

- Ans**
- 1. New hair-growth patterns
 - 2. Mood swings
 - 3. Increase in height
 - 4. Behaving differently

Question Type : **MCQ**
Question ID : **6306801223139**
Option 1 ID : **6306804810816**
Option 2 ID : **6306804810814**
Option 3 ID : **6306804810817**
Option 4 ID : **6306804810815**
Status : **Answered**
Chosen Option : **1**

Q.9 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which pair does NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- 1. TV – YA
 - 2. YD – WD
 - 3. LN – QS
 - 4. RT – WY

Question Type : **MCQ**
Question ID : **6306801225913**
Option 1 ID : **6306804821700**
Option 2 ID : **6306804821702**
Option 3 ID : **6306804821699**
Option 4 ID : **6306804821701**
Status : **Answered**
Chosen Option : **2**

Q.10 If the perimeter of one face of a cube is 48 cm, then its volume is:

- Ans
- 1. 1728 cm³
 - 2. 729 cm³
 - 3. 1024 cm³
 - 4. 512 cm³

Question Type : MCQ
Question ID : 6306801217033
Option 1 ID : 6306804787548
Option 2 ID : 6306804787545
Option 3 ID : 6306804787546
Option 4 ID : 6306804787547
Status : Answered
Chosen Option : 1

Q.11 How much venture capital fund would be set up for space economy in India as announced by the Finance Minister in the Annual Financial Statement 2024-25?

- Ans
- 1. ₹700 crore
 - 2. ₹500 crore
 - 3. ₹1,500 crore
 - 4. ₹1,000 crore

Question Type : MCQ
Question ID : 6306801171679
Option 1 ID : 6306804606075
Option 2 ID : 6306804606074
Option 3 ID : 6306804606077
Option 4 ID : 6306804606076
Status : Not Answered
Chosen Option : --

Q.12 How many electrons does carbon typically share when bonding with another carbon atom or with atoms of other elements?

- Ans
- 1. 1
 - 2. 2
 - 3. 4
 - 4. 6

Question Type : MCQ
Question ID : 6306801223257
Option 1 ID : 6306804811289
Option 2 ID : 6306804811288
Option 3 ID : 6306804811286
Option 4 ID : 6306804811287
Status : Answered
Chosen Option : 2

Q.13 If A means +, B means -, C means \times , D means \div , then what will come in place of the question mark (?) in the following equation?

$$10 B 27 D 9 A 4 C 3 = ?$$

- Ans**
- 1. 18
 - 2. 20
 - 3. 19
 - 4. 17

Question Type : **MCQ**

Question ID : **6306801226072**

Option 1 ID : **6306804822338**

Option 2 ID : **6306804822336**

Option 3 ID : **6306804822335**

Option 4 ID : **6306804822337**

Status : **Answered**

Chosen Option : **3**

Q.14 Anita starts from her house at Point A and walks 5 m towards South. She takes a right turn, walks 7 m, takes another right and walks 12 m and stops at point P. If a pole is placed 7 m towards East from where she stopped (Point P), how far (shortest distance) and in which direction will her house be from the pole? (All turns are 90 degrees turns only unless specified.)

- Ans**
- 1. 7 m towards the South
 - 2. 12 m towards the South
 - 3. 7 m towards the East
 - 4. 5 m towards the North

Question Type : **MCQ**

Question ID : **6306801225868**

Option 1 ID : **6306804821520**

Option 2 ID : **6306804821519**

Option 3 ID : **6306804821522**

Option 4 ID : **6306804821521**

Status : **Answered**

Chosen Option : **1**

Q.15 What type of reaction takes place when calcium oxide reacts vigorously with water to produce slaked lime?

- Ans**
- 1. Decomposition reaction
 - 2. Double displacement reaction
 - 3. Combination reaction
 - 4. Displacement reaction

Question Type : **MCQ**

Question ID : **6306801223219**

Option 1 ID : **6306804811134**

Option 2 ID : **6306804811137**

Option 3 ID : **6306804811135**

Option 4 ID : **6306804811136**

Status : **Answered**

Chosen Option : **3**

Q.16 An object is placed at distance of 20cm in front of a concave mirror and it's image is formed at a distance of 60cm on the same side as the object, the magnification produced by the mirror will be:

- Ans**
- 1. - 3
 - 2. + 1/3
 - 3. + 3
 - 4. - 1/3

Question Type : **MCQ**
Question ID : **6306801223362**
Option 1 ID : **6306804811709**
Option 2 ID : **6306804811706**
Option 3 ID : **6306804811708**
Option 4 ID : **6306804811707**
Status : **Not Answered**
Chosen Option : --

Q.17 Who among the following was appointed as Minister of Health and Family Welfare in June 2024?

- Ans**
- 1. Shivraj Singh Chouhan
 - 2. Sarbananda Sonowal
 - 3. Jagat Prakash Nadda
 - 4. Manohar Lal

Question Type : **MCQ**
Question ID : **6306801170789**
Option 1 ID : **6306804602561**
Option 2 ID : **6306804602563**
Option 3 ID : **6306804602562**
Option 4 ID : **6306804602560**
Status : **Answered**
Chosen Option : **3**

Q.18 In 2024, the Royal Australian Air Force debuted its combat aircraft in India during Exercise Tarang Shakti at which location?

- Ans**
- 1. Air Force Station, Gwalior
 - 2. Air Force Station, Jodhpur
 - 3. Air Force Station, Agra
 - 4. Air Force Station, Pune

Question Type : **MCQ**
Question ID : **6306801171475**
Option 1 ID : **6306804605261**
Option 2 ID : **6306804605259**
Option 3 ID : **6306804605258**
Option 4 ID : **6306804605260**
Status : **Not Answered**
Chosen Option : --

Q.19 Under the NPS Vatsalya scheme, subsequent contribution of what minimum amount is required per annum with no maximum limit?

- Ans
- 1. ₹5,000
 - 2. ₹2,500
 - 3. ₹500
 - 4. ₹1,000

Question Type : **MCQ**
Question ID : **6306801170684**
Option 1 ID : **6306804602151**
Option 2 ID : **6306804602150**
Option 3 ID : **6306804602148**
Option 4 ID : **6306804602149**
Status : **Not Answered**
Chosen Option : --

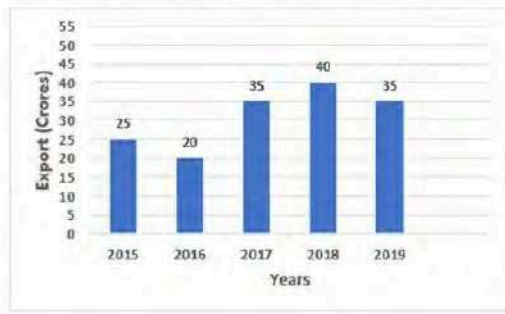
Q.20 A 3-digit number is such that the units' digit, the tens' digit and the hundreds' digit are in the ratio 1 : 2 : 3. The sum of this number and the number obtained by writing its digits in reverse order is 1332. Find the number.

- Ans
- 1. 414
 - 2. 963
 - 3. 123
 - 4. 246

Question Type : **MCQ**
Question ID : **6306801217007**
Option 1 ID : **6306804787441**
Option 2 ID : **6306804787444**
Option 3 ID : **6306804787443**
Option 4 ID : **6306804787442**
Status : **Answered**
Chosen Option : **2**

Q.21 Study the following graph and answer the given question.

The following bar graph shows annual exports (in crore) of a company during the period 2015 to 2019.



What is the average export (in crore) of the year 2016 and 2018?

- Ans**
- 1. 60
 - 2. 70
 - 3. 90
 - 4. 30

Question Type : MCQ

Question ID : 6306801225983

Option 1 ID : 6306804821980

Option 2 ID : 6306804821981

Option 3 ID : 6306804821982

Option 4 ID : 6306804821979

Status : Answered

Chosen Option : 4

Q.22 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only two people sit to the right of C. Only two people sit between D and C. A sits to the immediate right of D. E sits to the immediate left of G. B sits second to the left of A.

How many people sit between B and F?

- Ans**
- 1. Three
 - 2. One
 - 3. Four
 - 4. Two

Question Type : MCQ

Question ID : 6306801225812

Option 1 ID : 6306804821295

Option 2 ID : 6306804821297

Option 3 ID : 6306804821298

Option 4 ID : 6306804821296

Status : Answered

Chosen Option : 4

Q.23 CKQR is related to FITP in a certain way based on the English alphabetical order. In the same way, WERN is related to ZCUL. To which of the following options is BOLJ related, following the same logic?

- Ans**
- 1. DNOK
 - 2. FNNH
 - 3. EMOH
 - 4. DMNJ

Question Type : **MCQ**
Question ID : **6306801225841**
Option 1 ID : **6306804821414**
Option 2 ID : **6306804821412**
Option 3 ID : **6306804821413**
Option 4 ID : **6306804821411**
Status : **Answered**
Chosen Option : **3**

Q.24 When a thick glass slab is placed over printed matter, they appear to be _____ and this is due to _____ of light.

- Ans**
- 1. lowered; reflection
 - 2. raised; reflection
 - 3. lowered; refraction
 - 4. raised; refraction

Question Type : **MCQ**
Question ID : **6306801223315**
Option 1 ID : **6306804811520**
Option 2 ID : **6306804811521**
Option 3 ID : **6306804811518**
Option 4 ID : **6306804811519**
Status : **Not Answered**
Chosen Option : **--**

Q.25 1 C charge contains:

- Ans**
- 1. 6×10^{17} electrons
 - 2. 6×10^{20} electrons
 - 3. 6×10^{19} electrons
 - 4. 6×10^{18} electrons

Question Type : **MCQ**
Question ID : **6306801223291**
Option 1 ID : **6306804811425**
Option 2 ID : **6306804811422**
Option 3 ID : **6306804811423**
Option 4 ID : **6306804811424**
Status : **Answered**
Chosen Option : **3**

Q.26 The pattern of the magnetic field lines produced by a current carrying conductor:

- Ans
- 1. is independent of anything related to the conductor
 - 2. depends on the shape of the conductor
 - 3. depends on the length of the conductor
 - 4. depends on the thickness of the conductor

Question Type : MCQ

Question ID : 6306801223313

Option 1 ID : 6306804811513

Option 2 ID : 6306804811512

Option 3 ID : 6306804811510

Option 4 ID : 6306804811511

Status : Answered

Chosen Option : 1

Q.27 Who among the following is the author of the book 'I Have the Streets - A Kuttly Cricket Story'?

- Ans
- 1. Sourav Ganguly
 - 2. Ravichandran Ashwin
 - 3. Sachin Tendulkar
 - 4. Kuldeep Yadav

Question Type : MCQ

Question ID : 6306801172862

Option 1 ID : 6306804610703

Option 2 ID : 6306804610704

Option 3 ID : 6306804610702

Option 4 ID : 6306804610705

Status : Answered

Chosen Option : 2

Q.28 In a certain code language, 'GIRL' is coded as '1539' and 'ROSE' is coded as '6825'. What is the code for 'R' in the given code language?

- Ans
- 1. 5
 - 2. 3
 - 3. 8
 - 4. 6

Question Type : MCQ

Question ID : 6306801225795

Option 1 ID : 6306804821227

Option 2 ID : 6306804821228

Option 3 ID : 6306804821230

Option 4 ID : 6306804821229

Status : Answered

Chosen Option : 1

Q.29 In 2024, what has been the main focus of the pavilions displayed at the India Art, Architecture, and Design Biennale?

- Ans
- 1. Indian film and photography
 - 2. Contemporary art and innovative designs
 - 3. Traditional crafts and modern architecture
 - 4. Interactive technology exhibits

Question Type : MCQ
Question ID : 6306801172989
Option 1 ID : 6306804611201
Option 2 ID : 6306804611200
Option 3 ID : 6306804611199
Option 4 ID : 6306804611198
Status : Not Answered
Chosen Option : --

Q.30 A train travelling at a speed of 45 km/h crosses a pole in 24 sec. What is the length of the train?

- Ans
- 1. 300 m
 - 2. 30 m
 - 3. 1.5 m
 - 4. 125 m

Question Type : MCQ
Question ID : 6306801216932
Option 1 ID : 6306804787144
Option 2 ID : 6306804787142
Option 3 ID : 6306804787143
Option 4 ID : 6306804787141
Status : Answered
Chosen Option : 1

Q.31 5118 is divisible by:

- Ans
- 1. 5
 - 2. 7
 - 3. 6
 - 4. 8

Question Type : MCQ
Question ID : 6306801216816
Option 1 ID : 6306804786677
Option 2 ID : 6306804786679
Option 3 ID : 6306804786678
Option 4 ID : 6306804786680
Status : Answered
Chosen Option : 3

Q.32 According to the 2024-25 Indian Union Budget, the Government has allocated increased funding towards schemes like 'Sambal' from ₹462 crore in the previous fiscal year to _____.

- Ans
- 1. ₹523 crore
 - 2. ₹453 crore
 - 3. ₹629 crore
 - 4. ₹756 crore

Question Type : MCQ
Question ID : 6306801163666
Option 1 ID : 6306804573897
Option 2 ID : 6306804573895
Option 3 ID : 6306804573898
Option 4 ID : 6306804573896
Status : Not Answered
Chosen Option : --

Q.33 Which of the following is an example of a heterogeneous mixture?

- Ans
- 1. Copper sulphate powder dissolved in water
 - 2. Oil dissolved in water
 - 3. Sugar dissolved in water
 - 4. Salt dissolved in water

Question Type : MCQ
Question ID : 6306801223274
Option 1 ID : 6306804811356
Option 2 ID : 6306804811357
Option 3 ID : 6306804811355
Option 4 ID : 6306804811354
Status : Answered
Chosen Option : 2

Q.34 If ₹2,400 is to be distributed between A and B in the ratio of 7 : 5 , then the share of A is:

- Ans
- 1. ₹1,000
 - 2. ₹1,300
 - 3. ₹1,400
 - 4. ₹1,600

Question Type : MCQ
Question ID : 6306801216927
Option 1 ID : 6306804787124
Option 2 ID : 6306804787123
Option 3 ID : 6306804787121
Option 4 ID : 6306804787122
Status : Answered
Chosen Option : 3

Q.35 In a certain code language,

'A + B' means 'A is the mother of B',

'A - B' means 'A is the brother of B',

'A x B' means 'A is the wife of B' and

'A ÷ B' means 'A is the father of B'.

How is M related to T if 'M - N ÷ P + S x T'?

- Ans
- 1. Wife's mother's father's brother
 - 2. Wife's father's father's brother
 - 3. Wife's father's brother
 - 4. Wife's mother's mother's father

Question Type : MCQ

Question ID : 6306801225906

Option 1 ID : 6306804821671

Option 2 ID : 6306804821673

Option 3 ID : 6306804821674

Option 4 ID : 6306804821672

Status : Answered

Chosen Option : 1

Q.36 What sum will earn a simple interest of ₹480 in 3 years at 16% per year rate of interest?

- Ans
- 1. ₹1,200
 - 2. ₹800
 - 3. ₹600
 - 4. ₹1,000

Question Type : MCQ

Question ID : 6306801216899

Option 1 ID : 6306804787012

Option 2 ID : 6306804787010

Option 3 ID : 6306804787009

Option 4 ID : 6306804787011

Status : Answered

Chosen Option : 4

Q.37 IMOL is related to PTVS in a certain way based on the English alphabetical order. In the same way, FJLI is related to MQSP. To which of the following options is KOQN related, following the same logic?

- Ans**
- 1. RUVX
 - 2. QUWX
 - 3. QUWT
 - 4. RVXU

Question Type : **MCQ**
Question ID : **6306801225876**
Option 1 ID : **6306804821554**
Option 2 ID : **6306804821553**
Option 3 ID : **6306804821551**
Option 4 ID : **6306804821552**
Status : **Answered**
Chosen Option : **4**

Q.38 What is the primary purpose of the Artara'24 Fine Arts Exhibition and Competition?

- Ans**
- 1. To sell artworks
 - 2. To promote art tourism
 - 3. To conduct art workshops
 - 4. To discover and nurture emerging artistic talents

Question Type : **MCQ**
Question ID : **6306801171877**
Option 1 ID : **6306804606849**
Option 2 ID : **6306804606852**
Option 3 ID : **6306804606851**
Option 4 ID : **6306804606850**
Status : **Answered**
Chosen Option : **4**

Q.39 Which gas is passed through calcium hydroxide to form calcium carbonate and water?

- Ans**
- 1. Hydrogen gas
 - 2. Carbon-dioxide gas
 - 3. Oxygen gas
 - 4. Helium gas

Question Type : **MCQ**
Question ID : **6306801223252**
Option 1 ID : **6306804811267**
Option 2 ID : **6306804811268**
Option 3 ID : **6306804811266**
Option 4 ID : **6306804811269**
Status : **Answered**
Chosen Option : **2**

Q.40 Justify the given statement.

'Plants have low energy needs'.

Ans 1.

Plant bodies have a small proportion of dead cells in many tissues.

2.

Energy needs differ between different body designs. Plants do not move and have a large proportion of dead cells in many tissues.

3. As the plants use relatively fast transport systems.

4.

Because plants are autotrophic organisms and prepare their own food.

Question Type : MCQ

Question ID : 6306801223177

Option 1 ID : 6306804810969

Option 2 ID : 6306804810968

Option 3 ID : 6306804810966

Option 4 ID : 6306804810967

Status : Answered

Chosen Option : 4

Q.41 What is the mode of reproduction used in the methods such as layering or grafting to grow many plants like sugarcane, roses, or grapes for agricultural purposes?

Ans 1. Regeneration

2. Fragmentation

3. Spore formation

4. Vegetative propagation

Question Type : MCQ

Question ID : 6306801223138

Option 1 ID : 6306804810810

Option 2 ID : 6306804810813

Option 3 ID : 6306804810812

Option 4 ID : 6306804810811

Status : Not Answered

Chosen Option : --

Q.42 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and decide which conclusion(s) logically follow(s) from the given statements.

Statements:

No horses are mirrors.

Some lizards are horses.

Conclusions:

(I) Some horses are not lizards.

(II) Some lizards are not mirrors.

- Ans**
- 1. Only conclusion (I) follows
 - 2. Neither conclusion (I) nor (II) follows
 - 3. Both conclusions (I) and (II) follow
 - 4. Only conclusion (II) follows

Question Type : **MCQ**
Question ID : **6306801225840**
Option 1 ID : **6306804821407**
Option 2 ID : **6306804821409**
Option 3 ID : **6306804821410**
Option 4 ID : **6306804821408**
Status : **Answered**
Chosen Option : **4**

Q.43 If the radius of a sphere is increased by 50%, find the percent increase in the surface area.

- Ans**
- 1. 125%
 - 2. 100%
 - 3. 115%
 - 4. 95%

Question Type : **MCQ**
Question ID : **6306801217043**
Option 1 ID : **6306804787588**
Option 2 ID : **6306804787586**
Option 3 ID : **6306804787587**
Option 4 ID : **6306804787585**
Status : **Answered**
Chosen Option : **1**

Q.44 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which pair does NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- 1. QL – SN
 - 2. LH – QM
 - 3. EZ – GB
 - 4. KF – MH

Question Type : **MCQ**
Question ID : **6306801225916**
Option 1 ID : **6306804821713**
Option 2 ID : **6306804821714**
Option 3 ID : **6306804821711**
Option 4 ID : **6306804821712**
Status : **Answered**
Chosen Option : **4**

Q.45 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

JFH, KGI, LHJ, MIK, ?

- Ans**
- 1. NLJ
 - 2. JLN
 - 3. NJL
 - 4. JNL

Question Type : **MCQ**
Question ID : **6306801226106**
Option 1 ID : **6306804822474**
Option 2 ID : **6306804822471**
Option 3 ID : **6306804822473**
Option 4 ID : **6306804822472**
Status : **Answered**
Chosen Option : **3**

Q.46 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 8 & 5 & 2 @ % 4 6 3 Ω £ 5 1 9 # * (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

- Ans**
- 1. Two
 - 2. Zero
 - 3. More than two
 - 4. One

Question Type : **MCQ**
Question ID : **6306801226142**
Option 1 ID : **6306804822617**
Option 2 ID : **6306804822615**
Option 3 ID : **6306804822618**
Option 4 ID : **6306804822616**
Status : **Answered**
Chosen Option : **4**

Q.47 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is the same as that on the right side of ::?

(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/subtracting/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.)

X : 711 :: 146 : Y

- Ans**
- 1. X = 237, Y = 418
 - 2. X = 218, Y = 456
 - 3. X = 252, Y = 393
 - 4. X = 269, Y = 379

Question Type : **MCQ**
 Question ID : **6306801226034**
 Option 1 ID : **6306804822184**
 Option 2 ID : **6306804822186**
 Option 3 ID : **6306804822185**
 Option 4 ID : **6306804822183**
 Status : **Not Answered**
 Chosen Option : --

Q.48 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) @ 6 8 5 9 # 1 * £ 4 7 & 2 & % 3 Ω 5 (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- 1. Two
 - 2. Zero
 - 3. More than two
 - 4. One

Question Type : **MCQ**
 Question ID : **6306801226146**
 Option 1 ID : **6306804822633**
 Option 2 ID : **6306804822631**
 Option 3 ID : **6306804822634**
 Option 4 ID : **6306804822632**
 Status : **Answered**
 Chosen Option : 1

Q.49 A, B, C, D, E and F are sitting around a circular table facing the centre. A sits second to the right of E. F is the immediate neighbour of D and E. C sits second to the left of B.

What is the position of F with respect to C?

- Ans**
- 1. Third to the right
 - 2. Immediate right
 - 3. Third to the left
 - 4. Second to the left

Question Type : **MCQ**
 Question ID : **6306801225802**
 Option 1 ID : **6306804821258**
 Option 2 ID : **6306804821256**
 Option 3 ID : **6306804821257**
 Option 4 ID : **6306804821255**
 Status : **Answered**
 Chosen Option : 4

Q.50 Which of the following statements regarding an atom is correct?

- Ans
- 1. Atoms are not electrically neutral.
 - 2. Atoms as a whole are electrically neutral.
 - 3. An atom does not contain any positive charge
 - 4. Atoms are partially electrically neutral.

Question Type : MCQ
Question ID : 6306801223230
Option 1 ID : 6306804811180
Option 2 ID : 6306804811178
Option 3 ID : 6306804811181
Option 4 ID : 6306804811179
Status : Not Answered
Chosen Option : --

Q.51 Which gland secretes Adrenaline?

- Ans
- 1. Adrenal gland
 - 2. Pineal gland
 - 3. Pituitary gland
 - 4. Thyroid gland

Question Type : MCQ
Question ID : 6306801223123
Option 1 ID : 6306804810750
Option 2 ID : 6306804810752
Option 3 ID : 6306804810751
Option 4 ID : 6306804810753
Status : Answered
Chosen Option : 1

Q.52 If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same work in 2 days, then the time taken by 20 men for doing the same piece of work will be:

- Ans
- 1. 3 days
 - 2. 2 days
 - 3. 4 days
 - 4. 5 days

Question Type : MCQ
Question ID : 6306801216956
Option 1 ID : 6306804787240
Option 2 ID : 6306804787239
Option 3 ID : 6306804787237
Option 4 ID : 6306804787238
Status : Answered
Chosen Option : 4

Q.53 In a certain code language, 'SOLVE' is coded as '36598', 'STORE' is coded as '39164', and 'WHOLE' is coded as '27689'. What is the code for 'V' in the given code language?

- Ans**
- 1. 3
 - 2. 9
 - 3. 8
 - 4. 5

Question Type : **MCQ**
Question ID : **6306801225960**
Option 1 ID : **6306804821887**
Option 2 ID : **6306804821890**
Option 3 ID : **6306804821889**
Option 4 ID : **6306804821888**
Status : **Answered**
Chosen Option : **4**

Q.54 When there are two parallel lines cut by a transversal, which of the following is true?

- a) Corresponding angles are equal.
- b) Alternate interior angles are supplementary.
- c) Consecutive angles on the same side of the transversal are equal.
- d) Alternate interior angles are equal.

- Ans**
- 1. Only a
 - 2. a and d
 - 3. Only b
 - 4. b and c

Question Type : **MCQ**
Question ID : **6306801217050**
Option 1 ID : **6306804787613**
Option 2 ID : **6306804787615**
Option 3 ID : **6306804787616**
Option 4 ID : **6306804787614**
Status : **Answered**
Chosen Option : **2**

Q.55 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷', and 'D' stands for '−', what will come in place of the question mark '?' in the following equation?

55 C 7 D 54 A 9 B 8 = ?

- Ans**
- 1. 41
 - 2. 14
 - 3. 34
 - 4. 24

Question Type : **MCQ**
Question ID : **6306801226002**
Option 1 ID : **6306804822057**
Option 2 ID : **6306804822055**
Option 3 ID : **6306804822058**
Option 4 ID : **6306804822056**
Status : **Answered**
Chosen Option : **2**

Q.56 _____ has been awarded the title of India's Fastest Growing Sustainable Brand for 2023-24.

- Ans 1. Gruner Renewable Energy
 2. Tata Renewable Energy
 3. Suzlon Energy
 4. Adani Green Energy

Question Type : MCQ
Question ID : 6306801163067
Option 1 ID : 6306804571552
Option 2 ID : 6306804571551
Option 3 ID : 6306804571554
Option 4 ID : 6306804571553
Status : Not Answered
Chosen Option : --

Q.57 Which of the following is the unit of acceleration?

- Ans 1. m/s
 2. m/s^2
 3. $m s^2$
 4. ms

Question Type : MCQ
Question ID : 6306801223333
Option 1 ID : 6306804811592
Option 2 ID : 6306804811591
Option 3 ID : 6306804811593
Option 4 ID : 6306804811590
Status : Answered
Chosen Option : 2

Q.58 The monthly income of a person is ₹13,500, and his monthly expenditure is ₹9,000. Approximately what percentage of his monthly income does he save monthly?

- Ans 1. 25%
 2. 33.33%
 3. 21%
 4. 28.57%

Question Type : MCQ
Question ID : 6306801216846
Option 1 ID : 6306804786799
Option 2 ID : 6306804786800
Option 3 ID : 6306804786798
Option 4 ID : 6306804786797
Status : Answered
Chosen Option : 2

Q.59 What happens when we increase the temperature of solids?

- Ans
- 1. The kinetic energy of the particles will increase.
 - 2. The shape of the solid will remain same.
 - 3. No effect of temperature on solids.
 - 4. The kinetic energy of the particles will decrease.

Question Type : MCQ
Question ID : 6306801223240
Option 1 ID : 6306804811220
Option 2 ID : 6306804811218
Option 3 ID : 6306804811219
Option 4 ID : 6306804811221
Status : Answered
Chosen Option : 1

Q.60 An article is marked at 50% above its cost price. If the marked price of the article is ₹1,500, then the cost price of the article is:

- Ans
- 1. ₹750
 - 2. ₹800
 - 3. ₹1,200
 - 4. ₹1,000

Question Type : MCQ
Question ID : 6306801216887
Option 1 ID : 6306804786964
Option 2 ID : 6306804786963
Option 3 ID : 6306804786961
Option 4 ID : 6306804786962
Status : Answered
Chosen Option : 4

Q.61 Which of the following teams was the winner of the 10th season of Pro Kabaddi League?

- Ans
- 1. Haryana Steelers
 - 2. Pink Panthers
 - 3. Puneri Paltan
 - 4. Patna Pirates

Question Type : MCQ
Question ID : 6306801172813
Option 1 ID : 6306804610508
Option 2 ID : 6306804610506
Option 3 ID : 6306804610507
Option 4 ID : 6306804610509
Status : Not Answered
Chosen Option : --

Q.62 The average of 10 observations is 46. It was realised later that an observation was misread as 42 in place of 142. Find the correct average.

- Ans**
- 1. 54
 - 2. 45
 - 3. 56
 - 4. 65

Question Type : **MCQ**
Question ID : **6306801216966**
Option 1 ID : **6306804787279**
Option 2 ID : **6306804787280**
Option 3 ID : **6306804787277**
Option 4 ID : **6306804787278**
Status : **Answered**
Chosen Option : **3**

Q.63 The sum of the ages of a mother, son and daughter is 70 years. If the mother is thrice as old as her son, and the daughter is 5 years older than her brother, how old is the mother?

- Ans**
- 1. 45 years
 - 2. 42 years
 - 3. 39 years
 - 4. 35 years

Question Type : **MCQ**
Question ID : **6306801216994**
Option 1 ID : **6306804787392**
Option 2 ID : **6306804787391**
Option 3 ID : **6306804787390**
Option 4 ID : **6306804787389**
Status : **Answered**
Chosen Option : **3**

Q.64 A cubic wooden block of side 2 m is lying on a tabletop. If the mass of the wooden block is 10 kg, then the pressure exerted by the wooden block on the tabletop is: (consider $g = 10 \text{ m/s}^2$)

- Ans**
- 1. 25 N m^{-2}
 - 2. 20 N m^{-2}
 - 3. 15 N m^{-2}
 - 4. 30 N m^{-2}

Question Type : **MCQ**
Question ID : **6306801223290**
Option 1 ID : **6306804811420**
Option 2 ID : **6306804811419**
Option 3 ID : **6306804811418**
Option 4 ID : **6306804811421**
Status : **Answered**
Chosen Option : **2**

Q.65 In a row of people, all facing north, Bunty is 8th from the left end. Sneha is 15th from the left end. Sneha is exactly between Bunty and Nupur. If Nupur is 7th from the right end of the line, how many people are there in the row?

- Ans**
- 1. 28
 - 2. 20
 - 3. 22
 - 4. 26

Question Type : **MCQ**
Question ID : **6306801225993**
Option 1 ID : **6306804822022**
Option 2 ID : **6306804822020**
Option 3 ID : **6306804822019**
Option 4 ID : **6306804822021**
Status : **Answered**
Chosen Option : **1**

Q.66 The value of $(256)^{0.16} \times (256)^{0.09}$ is:

- Ans**
- 1. 64
 - 2. 4
 - 3. 16
 - 4. 256

Question Type : **MCQ**
Question ID : **6306801216800**
Option 1 ID : **6306804786615**
Option 2 ID : **6306804786613**
Option 3 ID : **6306804786614**
Option 4 ID : **6306804786616**
Status : **Answered**
Chosen Option : **2**

Q.67 In this question, a statement is followed by two courses of action, numbered I and II. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the courses of action logically follow(s) for pursuing.

Statement:

Despite the teacher's several warnings, a student was caught cheating in the exam.

Courses of Action:

- I. The student should be expelled from the exam, and his paper should be cancelled.
- II. The teacher should leave the student with another warning.

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

Question Type : **MCQ**
Question ID : **6306801225930**
Option 1 ID : **6306804821770**
Option 2 ID : **6306804821769**
Option 3 ID : **6306804821767**
Option 4 ID : **6306804821768**
Status : **Answered**
Chosen Option : **3**

Q.68 Which of the following options should come in place of the question mark (?) in the given series?

14 15 18 23 30 ?

- Ans
- 1. 37
 - 2. 39
 - 3. 41
 - 4. 40

Question Type : MCQ
Question ID : 6306801226039
Option 1 ID : 6306804822205
Option 2 ID : 6306804822206
Option 3 ID : 6306804822204
Option 4 ID : 6306804822203
Status : Answered
Chosen Option : 2

Q.69 Which of the following controls bladder pressure?

- Ans
- 1. Heart
 - 2. Kidneys
 - 3. Blood Pressure
 - 4. Nervous system

Question Type : MCQ
Question ID : 6306801223161
Option 1 ID : 6306804810904
Option 2 ID : 6306804810903
Option 3 ID : 6306804810902
Option 4 ID : 6306804810905
Status : Answered
Chosen Option : 2

Q.70 What is used to make drinking water free from germs?

- Ans
- 1. Baking soda
 - 2. Washing soda
 - 3. Bleaching powder
 - 4. Sodium hydroxide

Question Type : MCQ
Question ID : 6306801223190
Option 1 ID : 6306804811019
Option 2 ID : 6306804811021
Option 3 ID : 6306804811018
Option 4 ID : 6306804811020
Status : Answered
Chosen Option : 3

Q.71 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

TVX, SUW, RTV, QSU, ?

- Ans**
- 1. PRT
 - 2. RTP
 - 3. RPT
 - 4. PTR

Question Type : **MCQ**
Question ID : **6306801226108**
Option 1 ID : **6306804822479**
Option 2 ID : **6306804822482**
Option 3 ID : **6306804822481**
Option 4 ID : **6306804822480**
Status : **Answered**
Chosen Option : **1**

Q.72 The average of the first twelve multiples of 11 is:

- Ans**
- 1. 69.5
 - 2. 70.5
 - 3. 68.5
 - 4. 71.5

Question Type : **MCQ**
Question ID : **6306801216961**
Option 1 ID : **6306804787259**
Option 2 ID : **6306804787258**
Option 3 ID : **6306804787260**
Option 4 ID : **6306804787257**
Status : **Answered**
Chosen Option : **4**

Q.73 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is the same as that on the right side of ::?

(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/subtracting/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.)

X : 523 :: 9 : Y

- Ans**
- 1. X = 11, Y = 225
 - 2. X = 9, Y = 294
 - 3. X = 13, Y = 250
 - 4. X = 15, Y = 286

Question Type : **MCQ**
Question ID : **6306801226035**
Option 1 ID : **6306804822187**
Option 2 ID : **6306804822189**
Option 3 ID : **6306804822190**
Option 4 ID : **6306804822188**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.74 A body of mass m is taken from the ground to a height h , the gravitational potential energy of the body will be:

Acceleration due to gravity is g .

- Ans**
- 1. $m \times h$
 - 2. mg/h
 - 3. mgh
 - 4. $m \times g$

Question Type : **MCQ**

Question ID : **6306801223353**

Option 1 ID : **6306804811673**

Option 2 ID : **6306804811670**

Option 3 ID : **6306804811671**

Option 4 ID : **6306804811672**

Status : **Answered**

Chosen Option : **3**

Q.75 A's salary is 20% less than B's salary. By what percentage is B's salary more than A's salary?

- Ans**
- 1. 15%
 - 2. 17%
 - 3. 25%
 - 4. 20%

Question Type : **MCQ**

Question ID : **6306801216853**

Option 1 ID : **6306804786827**

Option 2 ID : **6306804786828**

Option 3 ID : **6306804786825**

Option 4 ID : **6306804786826**

Status : **Answered**

Chosen Option : **3**