



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



Roll Number	
Test Center Name	Pawan Ganga Educational Center 2
Test Date	26/11/2024
Test Time	9:00 AM - 10:00 AM
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 In which of the following types of reaction is there an exchange of ions between the reactants?

- Ans
- ☒ 1. Addition reaction
 - ☒ 2. Disproportion reaction
 - ☒ 3. Double displacement reaction
 - ☒ 4. Decomposition

Question Type : MCQ

Question ID : 6306801219417

Option 1 ID : 6306804797077

Option 2 ID : 6306804797078

Option 3 ID : 6306804797076

Option 4 ID : 6306804797075

Status : Answered

Chosen Option : 3

Q.2 In the word OPTICAL, each vowel is changed to the letter immediately succeeding it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters is repeated twice in the new group of letters thus formed?

- Ans
- ☒ 1. O
 - ☒ 2. B
 - ☒ 3. K
 - ☒ 4. P

Question Type : MCQ

Question ID : 6306801214575

Option 1 ID : 6306804777520

Option 2 ID : 6306804777519

Option 3 ID : 6306804777521

Option 4 ID : 6306804777518

Status : Answered

Chosen Option : 2

Q.3 What is the valency of carbon?

- Ans
- ☒ 1. Four
 - ☒ 2. Two
 - ☒ 3. Three
 - ☒ 4. Six

Question Type : MCQ

Question ID : 6306801219405

Option 1 ID : 6306804797030

Option 2 ID : 6306804797027

Option 3 ID : 6306804797029

Option 4 ID : 6306804797028

Status : Answered

Chosen Option : 1

Q.4 If $a : b = 3 : 2$ and $b : c = 3 : 2$, then $a : b : c = ?$

- Ans ☒ 1. $9 : 6 : 4$
☒ 2. $9 : 4 : 6$
☒ 3. $6 : 3 : 4$
☒ 4. $6 : 4 : 3$

Question Type : MCQ

Question ID : 6306801213196

Option 1 ID : 6306804771953

Option 2 ID : 6306804771952

Option 3 ID : 6306804771951

Option 4 ID : 6306804771950

Status : Answered

Chosen Option : 1

Q.5 Which of the following options represents two successive discounts that are equivalent to a single discount of 84%?

- Ans ☒ 1. 30% and 70%
☒ 2. 20% and 80%
☒ 3. 40% and 60%
☒ 4. 10% and 90%

Question Type : MCQ

Question ID : 6306801213172

Option 1 ID : 6306804771856

Option 2 ID : 6306804771855

Option 3 ID : 6306804771857

Option 4 ID : 6306804771854

Status : Answered

Chosen Option : 2

Q.6 In a row of 48 students facing North, Timu is 15th from the left end. If Dinesh is 9th to the right of Timu, what is Dinesh's position from the right end of the line?

- Ans ☒ 1. 23rd
☒ 2. 24th
☒ 3. 25th
☒ 4. 22nd

Question Type : MCQ

Question ID : 6306801214463

Option 1 ID : 6306804777071

Option 2 ID : 6306804777072

Option 3 ID : 6306804777073

Option 4 ID : 6306804777070

Status : Answered

Chosen Option : 3

Q.7 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

CFI, LOR, UXA, DGJ, ?

- Ans**
- ☒ 1. LNP
 - ☒ 2. MPS
 - ☐ 3. MOQ
 - ☐ 4. LOR

Question Type : **MCQ**
 Question ID : **6306801214572**
 Option 1 ID : **6306804777506**
 Option 2 ID : **6306804777507**
 Option 3 ID : **6306804777509**
 Option 4 ID : **6306804777508**
 Status : **Answered**
 Chosen Option : **2**

Q.8 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. BK-VE
 - ☐ 2. EN-YH
 - ☐ 3. TC-NW
 - ☒ 4. ZI-UD

Question Type : **MCQ**
 Question ID : **6306801214512**
 Option 1 ID : **6306804777269**
 Option 2 ID : **6306804777267**
 Option 3 ID : **6306804777268**
 Option 4 ID : **6306804777266**
 Status : **Answered**
 Chosen Option : **4**

Q.9 Which of the following statements is/are correct?

Statements:

- I) Electromagnet is a device used to convert magnetic field into electrical energy.
- II) Electromagnet is a device used to convert mechanical energy into magnetic energy.

- Ans**
- ☒ 1. Neither Statement I nor II
 - ☐ 2. Statement II only
 - ☐ 3. Statement I only
 - ☐ 4. Both Statements I and II

Question Type : **MCQ**
 Question ID : **6306801217180**
 Option 1 ID : **6306804788178**
 Option 2 ID : **6306804788176**
 Option 3 ID : **6306804788175**
 Option 4 ID : **6306804788177**
 Status : **Answered**
 Chosen Option : **1**

Q.10 The sum of a two-digit number and the number obtained by reversing the digits is 99. If the digits of the number differ by 5, then the two-digit number can be:

- Ans**
- ☒ 1. 27
 - ☐ 2. 16
 - ☐ 3. 18
 - ☐ 4. 83

Question Type : **MCQ**

Question ID : **6306801213292**

Option 1 ID : **6306804772334**

Option 2 ID : **6306804772337**

Option 3 ID : **6306804772335**

Option 4 ID : **6306804772336**

Status : **Answered**

Chosen Option : **1**

Q.11 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:

All ropes are chains.

All chains are strings.

Conclusions:

(I) All strings are ropes.

(II) All ropes are strings.

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

Question Type : **MCQ**

Question ID : **6306801214450**

Option 1 ID : **6306804777018**

Option 2 ID : **6306804777020**

Option 3 ID : **6306804777019**

Option 4 ID : **6306804777021**

Status : **Answered**

Chosen Option : **3**

Q.12 Study the given graph and answer the question that follows.

The graph shows the daily production of TV sets in a factory for 6 days of a week.



How many units of TV sets were produced on Monday and Tuesday together?

- Ans**
- ☒ 1. 700
 - ☒ 2. 400
 - ☒ 3. 600
 - ☒ 4. 500

Question Type : **MCQ**

Question ID : **6306801214556**

Option 1 ID : **6306804777445**

Option 2 ID : **6306804777442**

Option 3 ID : **6306804777444**

Option 4 ID : **6306804777443**

Status : **Answered**

Chosen Option : **4**

Q.13 In a certain code language, 'PLOW' is coded as '7164' and 'WOLF' is coded as '1564'. What is the code for 'F' in the given code language?

- Ans**
- ☒ 1. 5
 - ☒ 2. 1
 - ☒ 3. 6
 - ☒ 4. 7

Question Type : **MCQ**

Question ID : **6306801214424**

Option 1 ID : **6306804776916**

Option 2 ID : **6306804776914**

Option 3 ID : **6306804776917**

Option 4 ID : **6306804776915**

Status : **Answered**

Chosen Option : **1**

Q.14 A, B, E, F, L, M and P are sitting around a circular table, facing the centre. F sits second to the left of E. A sits third to the right of B. M sits third to the left of L. A sits to the immediate right of M. P is not an immediate neighbour of M. Who sits second to the left of F?

- Ans**
- ☒ 1. A
 - ☒ 2. B
 - ☒ 3. M
 - ☒ 4. P

Question Type : **MCQ**

Question ID : **6306801214489**

Option 1 ID : **6306804777174**

Option 2 ID : **6306804777177**

Option 3 ID : **6306804777176**

Option 4 ID : **6306804777175**

Status : **Answered**

Chosen Option : **4**

Q.15 If each vowel in the word HISTORY is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order, then how many vowels will be there in the group of letters thus formed?

- Ans**
- ☒ 1. 0
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 3

Question Type : **MCQ**

Question ID : **6306801214592**

Option 1 ID : **6306804777589**

Option 2 ID : **6306804777588**

Option 3 ID : **6306804777586**

Option 4 ID : **6306804777587**

Status : **Answered**

Chosen Option : **3**

Q.16 The draft of the 'Telecommunications (Administration of Digital Bharat Nidhi) Rules, 2024' was published for public consultation on which date?

- Ans**
- ☒ 1. 30 June 2024
 - ☒ 2. 4 July 2024
 - ☒ 3. 1 August 2024
 - ☒ 4. 5 September 2024

Question Type : **MCQ**

Question ID : **6306801143803**

Option 1 ID : **6306804495431**

Option 2 ID : **6306804495429**

Option 3 ID : **6306804495430**

Option 4 ID : **6306804495432**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.17 The equivalent resistance of the two resistors of resistance R ohm each connected in series is _____.

- Ans
- ☒ 1. $2R$ ohm
 - ☐ 2. $R/2$ ohm
 - ☐ 3. $3R$ ohm
 - ☐ 4. $2/R$ ohm

Question Type : MCQ

Question ID : 6306801217178

Option 1 ID : 6306804788167

Option 2 ID : 6306804788168

Option 3 ID : 6306804788170

Option 4 ID : 6306804788169

Status : Answered

Chosen Option : 1

Q.18 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 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 : 68.4 :: 22 : Y

- Ans
- ☐ 1. $X = 20, Y = 74.8$
 - ☒ 2. $X = 18, Y = 83.6$
 - ☐ 3. $X = 16, Y = 70.4$
 - ☐ 4. $X = 14, Y = 68.8$

Question Type : MCQ

Question ID : 6306801214633

Option 1 ID : 6306804777753

Option 2 ID : 6306804777751

Option 3 ID : 6306804777752

Option 4 ID : 6306804777750

Status : Answered

Chosen Option : 2

Q.19 What percentage of the numbers from 1 to 70, both included, have 1 or 7 in the unit's digit?

- Ans
- ☐ 1. 14
 - ☒ 2. 20
 - ☐ 3. 1
 - ☐ 4. 21

Question Type : MCQ

Question ID : 6306801213121

Option 1 ID : 6306804771651

Option 2 ID : 6306804771652

Option 3 ID : 6306804771650

Option 4 ID : 6306804771653

Status : Answered

Chosen Option : 2

Q.20 The successful automotive trials of the Zorawar light tank on 13 September 2024 were an important milestone for India's defence sector. Which organisation is responsible for developing this light tank?

- Ans**
- ☐ 1. Hindustan Aeronautics Limited (HAL)
 - ☐ 2. Indian Army
 - ☐ 3. Bharat Electronics Limited (BEL)
 - ☒ 4. Defence Research and Development Organisation (DRDO)

Question Type : **MCQ**

Question ID : **6306801144463**

Option 1 ID : **6306804498023**

Option 2 ID : **6306804498020**

Option 3 ID : **6306804498021**

Option 4 ID : **6306804498022**

Status : **Marked For Review**

Chosen Option : **4**

Q.21 ACE is related to BDF in a certain way. In the same way, GIK is related to HJL. To which of the following options is MOQ related, to following the same logic?

- Ans**
- ☐ 1. NPS
 - ☒ 2. NPR
 - ☐ 3. OPQ
 - ☐ 4. NOP

Question Type : **MCQ**

Question ID : **6306801214411**

Option 1 ID : **6306804776865**

Option 2 ID : **6306804776862**

Option 3 ID : **6306804776863**

Option 4 ID : **6306804776864**

Status : **Answered**

Chosen Option : **1**

Q.22 A solid metallic sphere of radius 12 cm is melted and recast in the form of small spheres of radius 2 cm. How many small spheres are formed?

- Ans**
- ☐ 1. 48
 - ☒ 2. 216
 - ☐ 3. 864
 - ☐ 4. 96

Question Type : **MCQ**

Question ID : **6306801213339**

Option 1 ID : **6306804772525**

Option 2 ID : **6306804772524**

Option 3 ID : **6306804772523**

Option 4 ID : **6306804772522**

Status : **Answered**

Chosen Option : **2**

Q.23 The arithmetic mean of the observations 39, 49, 59, 60, 70, 80, 90, 93 and 90 is:

- Ans**
- ☒ 1. 76
 - ☒ 2. 79
 - ☒ 3. 70
 - ☒ 4. 78

Question Type : **MCQ**
 Question ID : **6306801213250**
 Option 1 ID : **6306804772168**
 Option 2 ID : **6306804772166**
 Option 3 ID : **6306804772169**
 Option 4 ID : **6306804772167**
 Status : **Answered**
 Chosen Option : **3**

Q.24 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. TQ-NS
 - ☒ 2. YV-SW
 - ☒ 3. RO-LQ
 - ☒ 4. VS-PU

Question Type : **MCQ**
 Question ID : **6306801214670**
 Option 1 ID : **6306804777900**
 Option 2 ID : **6306804777899**
 Option 3 ID : **6306804777901**
 Option 4 ID : **6306804777898**
 Status : **Answered**
 Chosen Option : **2**

Q.25 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 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 : 112 :: 15 : Y

- Ans**
- ☒ 1. X = 12, Y = 184
 - ☒ 2. X = 10, Y = 148
 - ☒ 3. X = 14, Y = 166
 - ☒ 4. X = 16, Y = 192

Question Type : **MCQ**
 Question ID : **6306801214632**
 Option 1 ID : **6306804777746**
 Option 2 ID : **6306804777749**
 Option 3 ID : **6306804777747**
 Option 4 ID : **6306804777748**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : **--**

Q.26 Indian women team won the Chess Olympiad 2024 title by defeating which of the following teams?

- Ans
- ☐ 1. Taiwan
 - ☐ 2. Spain
 - ☐ 3. France
 - ☒ 4. Azerbaijan

Question Type : MCQ
Question ID : 6306801132257
Option 1 ID : 6306804449145
Option 2 ID : 6306804449143
Option 3 ID : 6306804449144
Option 4 ID : 6306804449142
Status : Answered
Chosen Option : 4

Q.27 When an empty bottle is closed air tight and pushed inside water it bounces back when it is released. This is because

- Ans
- ☐ 1. water does not exert force on an empty bottle
 - ☐ 2. gravitational force acting on the bottle is greater than the upthrust of water
 - ☐ 3. gravitational force on a bottle is equal to the buoyant force of the water
 - ☒ 4. upthrust of water on a bottle is greater than the gravitational force acting on the bottle

Question Type : MCQ
Question ID : 6306801217164
Option 1 ID : 6306804788113
Option 2 ID : 6306804788112
Option 3 ID : 6306804788114
Option 4 ID : 6306804788111
Status : Answered
Chosen Option : 4

Q.28 The LCM of 24, 42 and 56 is:

- Ans
- ☒ 1. 168
 - ☐ 2. 186
 - ☐ 3. 816
 - ☐ 4. 618

Question Type : MCQ
Question ID : 6306801213114
Option 1 ID : 6306804771624
Option 2 ID : 6306804771623
Option 3 ID : 6306804771625
Option 4 ID : 6306804771622
Status : Answered
Chosen Option : 1

Q.29 If a regular polygon has 20 diagonals, then the number of sides of this polygon is:

- Ans**
- ☒ 1. 10
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 8

Question Type : **MCQ**

Question ID : **6306801213355**

Option 1 ID : **6306804772589**

Option 2 ID : **6306804772586**

Option 3 ID : **6306804772587**

Option 4 ID : **6306804772588**

Status : **Answered**

Chosen Option : **4**

Q.30 A diver rowing at the speed of 3 km/h in still water takes double the time going 50 km upstream compared to going 50 km downstream. The speed of the diver against the stream is:

- Ans**
- ☒ 1. 2 km/h
 - ☐ 2. $\frac{4}{3}$ km/h
 - ☐ 3. 1 km/h
 - ☐ 4. $\frac{7}{3}$ km/h

Question Type : **MCQ**

Question ID : **6306801213316**

Option 1 ID : **6306804772433**

Option 2 ID : **6306804772430**

Option 3 ID : **6306804772431**

Option 4 ID : **6306804772432**

Status : **Answered**

Chosen Option : **3**

Q.31 Jaggu can make one wooden chair in 3 days and Rabhu can make the same chair in 4 days. If they work together, in how many days will they make 14 chairs of the same kind?

- Ans**
- ☒ 1. 24 days
 - ☐ 2. 20 days
 - ☐ 3. 18 days
 - ☐ 4. 16 days

Question Type : **MCQ**

Question ID : **6306801213225**

Option 1 ID : **6306804772069**

Option 2 ID : **6306804772068**

Option 3 ID : **6306804772067**

Option 4 ID : **6306804772066**

Status : **Answered**

Chosen Option : **1**

Q.32 Select the number from among the given options that can replace the question mark (?) in the following series.

549 525 477 405 309 ?

- Ans
- ☒ 1. 145
 - ☒ 2. 167
 - ☒ 3. 189
 - ☒ 4. 139

Question Type : MCQ

Question ID : 6306801214651

Option 1 ID : 6306804777824

Option 2 ID : 6306804777823

Option 3 ID : 6306804777822

Option 4 ID : 6306804777825

Status : Answered

Chosen Option : 3

Q.33 Evaluate 297×303 .

- Ans
- ☒ 1. 89091
 - ☒ 2. 79991
 - ☒ 3. 89991
 - ☒ 4. 90991

Question Type : MCQ

Question ID : 6306801213281

Option 1 ID : 6306804772293

Option 2 ID : 6306804772290

Option 3 ID : 6306804772291

Option 4 ID : 6306804772292

Status : Answered

Chosen Option : 3

Q.34 In which month was the Guru Kelucharan Mohapatra Awards 2024 organised by the Srgan-Guru Kelucharan Mohapatra Odissi Nrityabasa?

- Ans
- ☒ 1. September
 - ☒ 2. August
 - ☒ 3. July
 - ☒ 4. October

Question Type : MCQ

Question ID : 6306801146072

Option 1 ID : 6306804504445

Option 2 ID : 6306804504444

Option 3 ID : 6306804504446

Option 4 ID : 6306804504443

Status : Not Answered

Chosen Option : --

Q.35 Which of the following organisms is/are NOT unicellular?

- Ans ☒ 1. Plants
☐ 2. Amoeba
☐ 3. Paramecium
☐ 4. Chlamydomonas

Question Type : MCQ

Question ID : 6306801217348

Option 1 ID : 6306804788864

Option 2 ID : 6306804788863

Option 3 ID : 6306804788866

Option 4 ID : 6306804788865

Status : Answered

Chosen Option : 1

Q.36 Out of his total income, Sanjay spends 20% on house rent and 70% of the rest on household expenses. If he saves ₹1,800, then his total income is:

- Ans ☒ 1. ₹7,500
☐ 2. ₹10,000
☐ 3. ₹8,000
☐ 4. ₹9,000

Question Type : MCQ

Question ID : 6306801213149

Option 1 ID : 6306804771764

Option 2 ID : 6306804771765

Option 3 ID : 6306804771762

Option 4 ID : 6306804771763

Status : Answered

Chosen Option : 1

Q.37 Which of the following lacks membrane?

- Ans ☒ 1. Viruses
☐ 2. Fungi cell
☐ 3. Plant cell
☐ 4. Animal cell

Question Type : MCQ

Question ID : 6306801217351

Option 1 ID : 6306804788878

Option 2 ID : 6306804788876

Option 3 ID : 6306804788875

Option 4 ID : 6306804788877

Status : Answered

Chosen Option : 4

Q.38 Find the total surface area of a cylinder whose radius of base is 7 cm and height is 12 cm.

- Ans**
- ☒ 1. $266\pi \text{ cm}^2$
 - ☐ 2. $208\pi \text{ cm}^2$
 - ☐ 3. $303\pi \text{ cm}^2$
 - ☐ 4. $280\pi \text{ cm}^2$

Question Type : **MCQ**

Question ID : **6306801213331**

Option 1 ID : **6306804772493**

Option 2 ID : **6306804772490**

Option 3 ID : **6306804772492**

Option 4 ID : **6306804772491**

Status : **Answered**

Chosen Option : **1**

Q.39 In what duration will a sum of money double itself at 10% per annum rate of simple interest?

- Ans**
- ☐ 1. 12 years
 - ☐ 2. 5 years
 - ☐ 3. 8 years
 - ☒ 4. 10 years

Question Type : **MCQ**

Question ID : **6306801213186**

Option 1 ID : **6306804771912**

Option 2 ID : **6306804771913**

Option 3 ID : **6306804771911**

Option 4 ID : **6306804771910**

Status : **Answered**

Chosen Option : **4**

Q.40 In a certain code language,
 $A + B$ means 'A is the mother of B',
 $A - B$ means 'A is the brother of B',
 $A \times B$ means 'A is the wife of B',
 $A \div B$ means 'A is the father of B',
 and $A \# B$ means 'A is the daughter of B'.
 How is K related to Q if ' $P \times Q \div T + Z - S \# K$ '?

- Ans
- ☒ 1. Husband's mother
 - ☒ 2. Daughter's husband
 - ☒ 3. Wife's father
 - ☒ 4. Wife's brother

Question Type : MCQ

Question ID : 6306801214373

Option 1 ID : 6306804776713

Option 2 ID : 6306804776710

Option 3 ID : 6306804776712

Option 4 ID : 6306804776711

Status : Answered

Chosen Option : 2

Q.41 Khelo India Para games (2023) were held in _____.

- Ans
- ☒ 1. New Delhi
 - ☒ 2. Patna
 - ☒ 3. Dispur
 - ☒ 4. Ahmedabad

Question Type : MCQ

Question ID : 6306801134640

Option 1 ID : 6306804458694

Option 2 ID : 6306804458695

Option 3 ID : 6306804458696

Option 4 ID : 6306804458693

Status : Answered

Chosen Option : 1

Q.42 If each vowel in the word **MARKETING** is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order, then which of the following letters will be fourth from the left in the group of letters thus formed?

- Ans**
- ☒ 1. J
 - ☐ 2. S
 - ☐ 3. F
 - ☐ 4. Q

Question Type : **MCQ**

Question ID : **6306801214593**

Option 1 ID : **6306804777591**

Option 2 ID : **6306804777592**

Option 3 ID : **6306804777593**

Option 4 ID : **6306804777590**

Status : **Answered**

Chosen Option : **1**

Q.43 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 beds are tables.

No tables are chairs.

Conclusions:

(I) All tables are beds.

(II) Some chairs are beds.

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

Question Type : **MCQ**

Question ID : **6306801214531**

Option 1 ID : **6306804777343**

Option 2 ID : **6306804777342**

Option 3 ID : **6306804777345**

Option 4 ID : **6306804777344**

Status : **Answered**

Chosen Option : **4**

Q.44 Who among the following participated in the United Nations 'World Climate Action Summit (COP28)' in Dubai?

- Ans**
- ☐ 1. Ram Nath Kovind
 - ☒ 2. Narendra Modi
 - ☐ 3. Droupadi Murmu
 - ☐ 4. Jagdeep Dhankhar

Question Type : **MCQ**

Question ID : **630680901882**

Option 1 ID : **6306803533216**

Option 2 ID : **6306803533215**

Option 3 ID : **6306803533213**

Option 4 ID : **6306803533214**

Status : **Answered**

Chosen Option : **2**

Q.45 Shailesh Nayak has been conferred Padma Shri award in 2024 in which field?

- Ans
- ☐ 1. Medicine
 - ☐ 2. Sports
 - ☒ 3. Science and Engineering
 - ☐ 4. Literature & Education

Question Type : MCQ

Question ID : 630680743149

Option 1 ID : 6306802912903

Option 2 ID : 6306802912905

Option 3 ID : 6306802912904

Option 4 ID : 6306802912906

Status : Not Answered

Chosen Option : --

Q.46 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JG-NK-RT

EB-IF-MO

- Ans
- ☒ 1. HE-LI-PR
 - ☐ 2. GD-KI-OQ
 - ☐ 3. FC-JG-NO
 - ☐ 4. IF-MJ-QR

Question Type : MCQ

Question ID : 6306801214340

Option 1 ID : 6306804776581

Option 2 ID : 6306804776579

Option 3 ID : 6306804776580

Option 4 ID : 6306804776578

Status : Answered

Chosen Option : 1

Q.47 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

HLA, BFU, VZO, PII, ?

- Ans
- ☐ 1. JMB
 - ☐ 2. JNB
 - ☒ 3. JNC
 - ☐ 4. JMC

Question Type : MCQ

Question ID : 6306801214495

Option 1 ID : 6306804777199

Option 2 ID : 6306804777198

Option 3 ID : 6306804777201

Option 4 ID : 6306804777200

Status : Answered

Chosen Option : 3

Q.48 The simplified value of 0.002×0.5 is:

- Ans ☒ 1. 0.001
☐ 2. 0.1
☐ 3. 0.0001
☐ 4. 0.01

Question Type : MCQ

Question ID : 6306801213094

Option 1 ID : 6306804771543

Option 2 ID : 6306804771545

Option 3 ID : 6306804771542

Option 4 ID : 6306804771544

Status : Answered

Chosen Option : 1

Q.49 Evaluate the given expression.

$$13 - 12 \div 4 \times 2$$

- Ans ☐ 1. 8
☐ 2. 6
☒ 3. 7
☐ 4. 9

Question Type : MCQ

Question ID : 6306801213080

Option 1 ID : 6306804771488

Option 2 ID : 6306804771486

Option 3 ID : 6306804771487

Option 4 ID : 6306804771489

Status : Answered

Chosen Option : 3

Q.50 Which of the following non-metals is a liquid?

- Ans ☐ 1. Fluorine
☐ 2. Sulphur
☐ 3. Chlorine
☒ 4. Bromine

Question Type : MCQ

Question ID : 6306801219391

Option 1 ID : 6306804796971

Option 2 ID : 6306804796972

Option 3 ID : 6306804796974

Option 4 ID : 6306804796973

Status : Answered

Chosen Option : 4

Q.51 A car can cover 275 km in 5 hours. If its speed is reduced by 5 km/hr, then how much time will the car take to cover a distance of 250 km?

- Ans**
- ☒ 1. 4 hr 30 min
 - ☒ 2. 5 hr
 - ☐ 3. 5 hr 30 min
 - ☐ 4. 6 hr

Question Type : **MCQ**

Question ID : **6306801213212**

Option 1 ID : **6306804772014**

Option 2 ID : **6306804772015**

Option 3 ID : **6306804772016**

Option 4 ID : **6306804772017**

Status : **Answered**

Chosen Option : **2**

Q.52 Seven people, B, C, D, E, F, G and K are sitting in a straight line, facing north. Only two people sit to the left of B. Only three people sit between B and K. F sits second to the right of B. Only two people sit between F and C. G sits at some place to the right of E but at some place to the left of D. How many people sit to the right of G?

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

Question Type : **MCQ**

Question ID : **6306801214477**

Option 1 ID : **6306804777128**

Option 2 ID : **6306804777126**

Option 3 ID : **6306804777129**

Option 4 ID : **6306804777127**

Status : **Answered**

Chosen Option : **1**

Q.53 Which two numbers should be interchanged to make the given equation correct?

$$186 - 82 + (129 \div 3) - 6 \times 8 + (31 - 19) \times 2 = 85$$

(Note: Interchange should be done of entire number and not individual digits of a given number.)

- Ans**
- ☒ 1. 186 and 129
 - ☐ 2. 82 and 31
 - ☐ 3. 8 and 19
 - ☐ 4. 2 and 6

Question Type : **MCQ**

Question ID : **6306801214613**

Option 1 ID : **6306804777673**

Option 2 ID : **6306804777672**

Option 3 ID : **6306804777670**

Option 4 ID : **6306804777671**

Status : **Answered**

Chosen Option : **1**

Q.54 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$22 - 5 + 3 + 12 \times 3 = ?$$

- Ans**
- ☒ 1. 112
 - ☒ 2. 110
 - ☒ 3. 111
 - ☒ 4. 109

Question Type : **MCQ**

Question ID : **6306801214560**

Option 1 ID : **6306804777461**

Option 2 ID : **6306804777459**

Option 3 ID : **6306804777460**

Option 4 ID : **6306804777458**

Status : **Answered**

Chosen Option : **4**

Q.55 For preparation of which of the following compounds is the chlor-alkali process used?

- Ans**
- ☒ 1. Na_2CO_3
 - ☒ 2. NaCl
 - ☒ 3. $\text{NaOH} + \text{Cl}_2$
 - ☒ 4. NaHCO_3

Question Type : **MCQ**

Question ID : **6306801219387**

Option 1 ID : **6306804796958**

Option 2 ID : **6306804796955**

Option 3 ID : **6306804796957**

Option 4 ID : **6306804796956**

Status : **Marked For Review**

Chosen Option : **3**

Q.56 Which is the internal energy reserve in plants?

- Ans**
- ☒ 1. Sucrose
 - ☒ 2. Glycogen
 - ☒ 3. Glucose
 - ☒ 4. Starch

Question Type : **MCQ**

Question ID : **6306801217275**

Option 1 ID : **6306804788568**

Option 2 ID : **6306804788570**

Option 3 ID : **6306804788567**

Option 4 ID : **6306804788569**

Status : **Answered**

Chosen Option : **4**

Q.57 Which Indian singer was awarded the Padma Bhushan award, one of India's highest civilian awards, for the first time in 2024?

- Ans ☒ 1. Lata Mangeshkar
☒ 2. Usha Uthup
☒ 3. Asha Bhosle
☒ 4. Alka Yagnik

Question Type : MCQ
Question ID : 6306801146002
Option 1 ID : 6306804504182
Option 2 ID : 6306804504181
Option 3 ID : 6306804504179
Option 4 ID : 6306804504180
Status : Answered
Chosen Option : 2

Q.58 Which phenomenon causes bending of the ray of light when it moves in the earth's atmosphere?

- Ans ☒ 1. Atmospheric scattering
☒ 2. Atmospheric dispersion
☒ 3. Atmospheric refraction
☒ 4. Atmospheric reflection

Question Type : MCQ
Question ID : 6306801217229
Option 1 ID : 6306804788374
Option 2 ID : 6306804788373
Option 3 ID : 6306804788371
Option 4 ID : 6306804788372
Status : Answered
Chosen Option : 3

Q.59 As of March 2024, what does Morgan Stanley's research forecast for India's GDP growth rate in FY25?

- Ans ☒ 1. 6.8%
☒ 2. 12.5%
☒ 3. 2.4%
☒ 4. 0.9%

Question Type : MCQ
Question ID : 6306801146117
Option 1 ID : 6306804504625
Option 2 ID : 6306804504626
Option 3 ID : 6306804504624
Option 4 ID : 6306804504623
Status : Answered
Chosen Option : 1

Q.60 Rohit starts from Point A and drives 25 km towards the East. He then takes a right turn, drives 17 km, turns right and drives 14 km. He then takes a right turn and drives 11 km. He takes a final left turn, drives 11 km and stops at Point P. How far (shortest distance) and towards which direction should he drive to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans**
- ☒ 1. 8 km towards the North
 - ☒ 2. 6 km towards the South
 - ☒ 3. 6 km towards the North
 - ☒ 4. 4 km towards the North

Question Type : **MCQ**

Question ID : **6306801214414**

Option 1 ID : **6306804776877**

Option 2 ID : **6306804776875**

Option 3 ID : **6306804776874**

Option 4 ID : **6306804776876**

Status : **Answered**

Chosen Option : **3**

Q.61 Which of the following organisms does NOT show asexual reproduction by means of fission?

- Ans**
- ☒ 1. Earthworm
 - ☒ 2. Leishmania
 - ☒ 3. Amoeba
 - ☒ 4. Plasmodium

Question Type : **MCQ**

Question ID : **6306801217271**

Option 1 ID : **6306804788554**

Option 2 ID : **6306804788553**

Option 3 ID : **6306804788551**

Option 4 ID : **6306804788552**

Status : **Marked For Review**

Chosen Option : **2**

Q.62 Magnification produced by a convex mirror for a given object of height 5 cm is 0.2. Here, the height of the image is _____.

- Ans**
- ☒ 1. 10 cm
 - ☒ 2. 1.5 cm
 - ☒ 3. 1 cm
 - ☒ 4. 0.4 cm

Question Type : **MCQ**

Question ID : **6306801217198**

Option 1 ID : **6306804788249**

Option 2 ID : **6306804788248**

Option 3 ID : **6306804788247**

Option 4 ID : **6306804788250**

Status : **Answered**

Chosen Option : **3**

Q.63 A tree breaks and falls to the ground such that its upper part is still partially attached to its stem. At what height did it break, if the original height of the tree was 24 m and it makes an angle of 30° with the ground?

- Ans**
- ☒ 1. 12 m
 - ☒ 2. 9 m
 - ☒ 3. 8 m
 - ☒ 4. 10 m

Question Type : **MCQ**

Question ID : **6306801213378**

Option 1 ID : **6306804772678**

Option 2 ID : **6306804772680**

Option 3 ID : **6306804772681**

Option 4 ID : **6306804772679**

Status : **Answered**

Chosen Option : **3**

Q.64 In a certain code language, 'climb the mountains' is coded as 'js bg md' and 'climb the tree' is coded as 'bg cx js'. What is the code for 'tree' in the given code language?

- Ans**
- ☒ 1. CX
 - ☒ 2. js
 - ☒ 3. md
 - ☒ 4. bg

Question Type : **MCQ**

Question ID : **6306801214501**

Option 1 ID : **6306804777223**

Option 2 ID : **6306804777224**

Option 3 ID : **6306804777225**

Option 4 ID : **6306804777222**

Status : **Answered**

Chosen Option : **1**

Q.65 Which of the following options does NOT represent a property of suspensions?

- Ans**
- ☒ 1. A suspension is a heterogeneous mixture.

☒ 2.

The particles of a suspension cannot be seen by the naked eyes.

☒ 3.

The particles of a suspension scatter a beam of light passing through it.

☒ 4.

A suspension is unstable in nature.

Question Type : **MCQ**

Question ID : **6306801219375**

Option 1 ID : **6306804796907**

Option 2 ID : **6306804796908**

Option 3 ID : **6306804796909**

Option 4 ID : **6306804796910**

Status : **Answered**

Chosen Option : **2**

Q.66 The work done by a constant force of 5 Newton acting on a body is 5 joules. The displacement of the body in the direction of the applied force is _____.

- Ans**
- ☒ 1. 10 m
 - ☒ 2. 1000 m
 - ☒ 3. 1m
 - ☒ 4. 100 m

Question Type : **MCQ**

Question ID : **6306801217142**

Option 1 ID : **6306804788026**

Option 2 ID : **6306804788024**

Option 3 ID : **6306804788023**

Option 4 ID : **6306804788025**

Status : **Answered**

Chosen Option : **3**

Q.67 A sells a bicycle to B at a profit of 20% and B sells it to C at a profit of 25%. If C pays ₹1,500, then what did A pay for it?

- Ans**
- ☒ 1. ₹1,125
 - ☒ 2. ₹1,000
 - ☒ 3. ₹825
 - ☒ 4. ₹1,100

Question Type : **MCQ**

Question ID : **6306801213159**

Option 1 ID : **6306804771805**

Option 2 ID : **6306804771803**

Option 3 ID : **6306804771802**

Option 4 ID : **6306804771804**

Status : **Answered**

Chosen Option : **2**

Q.68 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:

Due to water pipeline work planned in Grant Road for the next 3 days, the road will be closed for traffic till further notice.

Courses of Action:

(I) Traffic police should increase the number of personnel present at Grant Road to physically coordinate traffic diversion effectively.

(II) Traffic police should issue a notification in major newspapers regarding traffic diversions and alternate routes that can be taken by the general public till the Grant Road closure continues.

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

Question Type : **MCQ**

Question ID : **6306801214381**

Option 1 ID : **6306804776743**

Option 2 ID : **6306804776745**

Option 3 ID : **6306804776744**

Option 4 ID : **6306804776742**

Status : **Answered**

Chosen Option : **2**

Q.69 Which of the following does NOT increase the rate of evaporation?

- Ans
- ☒ 1. Decrease in humidity
 - ☒ 2. Increase in surface area
 - ☒ 3. Decrease in temperature
 - ☒ 4. Increase in wind speed

Question Type : MCQ

Question ID : 6306801219366

Option 1 ID : 6306804796873

Option 2 ID : 6306804796871

Option 3 ID : 6306804796872

Option 4 ID : 6306804796874

Status : Answered

Chosen Option : 3

Q.70 Which of the following physical quantities represents the rate of change of velocity?

- Ans
- ☒ 1. Acceleration
 - ☒ 2. Velocity
 - ☒ 3. Speed
 - ☒ 4. Distance

Question Type : MCQ

Question ID : 6306801217213

Option 1 ID : 6306804788310

Option 2 ID : 6306804788308

Option 3 ID : 6306804788307

Option 4 ID : 6306804788309

Status : Answered

Chosen Option : 1

Q.71 If the mode of the following data is 7, then find the value of k.

2, 4, 6, 7, 5, 6, 10, 6, 7, $2k + 1$, 9, 7, 13

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

Question Type : MCQ

Question ID : 6306801213265

Option 1 ID : 6306804772228

Option 2 ID : 6306804772229

Option 3 ID : 6306804772226

Option 4 ID : 6306804772227

Status : Answered

Chosen Option : 4

Q.72 Which part of the neuron is responsible for acquiring information?

Ans ☒ 1. Dendritic tip

☐ 2. Synapse

☐ 3. Axon

☐ 4. Cell body

Question Type : MCQ

Question ID : 6306801217329

Option 1 ID : 6306804788787

Option 2 ID : 6306804788790

Option 3 ID : 6306804788789

Option 4 ID : 6306804788788

Status : Marked For Review

Chosen Option : 1

Q.73 Other than the nervous system, which other system helps in control and coordination in our body?

Ans ☐ 1. Digestive system

☒ 2. Endocrine system

☐ 3. Respiratory system

☐ 4. Excretory system

Question Type : MCQ

Question ID : 6306801217298

Option 1 ID : 6306804788662

Option 2 ID : 6306804788661

Option 3 ID : 6306804788659

Option 4 ID : 6306804788660

Status : Answered

Chosen Option : 2

Q.74 _____ has been honoured as an International Anti-Corruption Champion by the US government for the year 2023.

Ans ☐ 1. Aruna Roy

☐ 2. Medha Patkar

☐ 3. Anna Hazare

☒ 4. Nikhil Dey

Question Type : MCQ

Question ID : 6306801147059

Option 1 ID : 6306804508369

Option 2 ID : 6306804508372

Option 3 ID : 6306804508371

Option 4 ID : 6306804508370

Status : Marked For Review

Chosen Option : 1

Q.75 According to the law of constant proportion, what will be the correct ratio of obtained oxygen and hydrogen (O : H) after decomposition of 18 g water?

- Ans**
- ☐ 1. 4 : 14
 - ☐ 2. 2 : 16
 - ☒ 3. 16 : 2
 - ☐ 4. 14 : 4

Question Type : **MCQ**

Question ID : **6306801214981**

Option 1 ID : **6306804779241**

Option 2 ID : **6306804779238**

Option 3 ID : **6306804779239**

Option 4 ID : **6306804779240**

Status : **Answered**

Chosen Option : **3**

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