



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



Roll Number	
Candidate Name	
Test Center Name	TCS Gito Bitan
Test Date	27/11/2024
Test Time	12:30 PM - 1:30 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 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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/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.)

(6, 37)

(8, 65)

- Ans**
- ☒ 1. (7, 49)
 - ☒ 2. (9, 82)
 - ☒ 3. (3, 27)
 - ☒ 4. (5, 24)

Question Type : **MCQ**

Question ID : **6306801214659**

Option 1 ID : **6306804777855**

Option 2 ID : **6306804777856**

Option 3 ID : **6306804777857**

Option 4 ID : **6306804777854**

Status : **Answered**

Chosen Option : **2**

Q.2 Average velocity of a body can be given by the arithmetic mean of initial velocity and final velocity for a given period of time when the body is:

- Ans**
- ☒ 1. moving with non-uniform acceleration
 - ☒ 2. moving with uniform velocity
 - ☒ 3. moving with uniform speed
 - ☒ 4. moving with uniform acceleration

Question Type : **MCQ**

Question ID : **6306801217212**

Option 1 ID : **6306804788306**

Option 2 ID : **6306804788303**

Option 3 ID : **6306804788304**

Option 4 ID : **6306804788305**

Status : **Answered**

Chosen Option : **3**

Q.3 How many sports personalities have received Major Dhyan Chand Khel Ratna Awards in National Sports Awards 2023?

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

Question Type : **MCQ**

Question ID : **6306801134447**

Option 1 ID : **6306804457900**

Option 2 ID : **6306804457898**

Option 3 ID : **6306804457899**

Option 4 ID : **6306804457901**

Status : **Not Answered**

Chosen Option : **--**

Q.4 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '++', and 'L' stands for '−', what will come in place of question mark '?' in the following equation?

$$(24 \text{ J } 3) \text{ K } 6 \text{ I } (14 \text{ J } 2) \text{ L } 19 = ?$$

- Ans**
- ☒ 1. 15
 - ☒ 2. 21
 - ☒ 3. 34
 - ☒ 4. 19

Question Type : **MCQ**

Question ID : **6306801214609**

Option 1 ID : **6306804777654**

Option 2 ID : **6306804777656**

Option 3 ID : **6306804777655**

Option 4 ID : **6306804777657**

Status : **Answered**

Chosen Option : **2**

Q.5 Select the number from among the given options that can replace the question mark (?) in the following series.

45 95 245 695 ?

- Ans**
- ☒ 1. 2045
 - ☒ 2. 2075
 - ☒ 3. 2125
 - ☒ 4. 1995

Question Type : **MCQ**

Question ID : **6306801214649**

Option 1 ID : **6306804777816**

Option 2 ID : **6306804777814**

Option 3 ID : **6306804777815**

Option 4 ID : **6306804777817**

Status : **Answered**

Chosen Option : **1**

Q.6 Which instrument can be used to give the direction of magnetic field lines at any given point?

- Ans**
- ☒ 1. Solenoid
 - ☒ 2. Electric motor
 - ☒ 3. Generator
 - ☒ 4. Magnetic compass

Question Type : **MCQ**

Question ID : **6306801217222**

Option 1 ID : **6306804788344**

Option 2 ID : **6306804788345**

Option 3 ID : **6306804788346**

Option 4 ID : **6306804788343**

Status : **Answered**

Chosen Option : **4**

Q.7 The square of 42 is:

- Ans ☒ 1. 1764
☐ 2. 1504
☐ 3. 1564
☐ 4. 1664

Question Type : MCQ

Question ID : 6306801213090

Option 1 ID : 6306804771526

Option 2 ID : 6306804771529

Option 3 ID : 6306804771528

Option 4 ID : 6306804771527

Status : Answered

Chosen Option : 1

Q.8 Select the set, from the given options, 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/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.)

(2, 24, 6)

(4, 32, 2)

- Ans ☐ 1. (5, 70, 3)
☐ 2. (3, 48, 4)
☐ 3. (9, 80, 1)
☒ 4. (6, 108, 3)

Question Type : MCQ

Question ID : 6306801214440

Option 1 ID : 6306804776979

Option 2 ID : 6306804776978

Option 3 ID : 6306804776980

Option 4 ID : 6306804776981

Status : Answered

Chosen Option : 4

Q.9 Carbon has the unique ability to form bonds with other atoms of carbon. This property is known as _____.

- Ans ☒ 1. catenation
☐ 2. cyclisation
☐ 3. homologous
☐ 4. allotropes

Question Type : MCQ

Question ID : 6306801219404

Option 1 ID : 6306804797023

Option 2 ID : 6306804797025

Option 3 ID : 6306804797024

Option 4 ID : 6306804797026

Status : Answered

Chosen Option : 1

Q.10 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

LG-MH-OP

HC-ID-KL

- Ans**
- ☒ 1. OJ-PK-RT
 - ☒ 2. KF-LG-NP
 - ☒ 3. ID-JE-LN
 - ☒ 4. JE-KF-MN

Question Type : MCQ

Question ID : 6306801214665

Option 1 ID : 6306804777879

Option 2 ID : 6306804777878

Option 3 ID : 6306804777880

Option 4 ID : 6306804777881

Status : Answered

Chosen Option : 4

Q.11 The formula unit mass of CaCl_2 is:

- Ans**
- ☒ 1. 115 u
 - ☒ 2. 114 u
 - ☒ 3. 111 u
 - ☒ 4. 110 u

Question Type : MCQ

Question ID : 6306801219357

Option 1 ID : 6306804796837

Option 2 ID : 6306804796838

Option 3 ID : 6306804796835

Option 4 ID : 6306804796836

Status : Not Answered

Chosen Option : --

Q.12 Vineet starts from Point Y and drives 10 km towards the North. He then takes a right turn, drives 29 km, turns right and drives 34 km. He then takes a right turn and drives 13 km. He takes a final right turn, drives 24 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90 degrees turns only unless specified)

- Ans**
- ☒ 1. 24 km towards the south
 - ☒ 2. 19 km towards the east
 - ☒ 3. 16 km towards the west
 - ☒ 4. 14 km towards the north

Question Type : MCQ

Question ID : 6306801214346

Option 1 ID : 6306804776605

Option 2 ID : 6306804776604

Option 3 ID : 6306804776602

Option 4 ID : 6306804776603

Status : Answered

Chosen Option : 3

Q.13 Who among the following won the Gold medal at Paralympics in the Women's 10m air rifle standing SH1 Shooting category?

- Ans ☒ 1. Amulya Choudhary
☒ 2. Avani Lekhara
☒ 3. Preeti Pal
☒ 4. Manisha Agarwal

Question Type : MCQ
Question ID : 6306801132222
Option 1 ID : 6306804449001
Option 2 ID : 6306804448998
Option 3 ID : 6306804448999
Option 4 ID : 6306804449000
Status : Answered
Chosen Option : 2

Q.14 Which two numbers should be interchanged to make the given equation correct?

$$(27 + 15) \times 2 - (95 \div 5) + 25 \times 4 - 135 = 62$$

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

- Ans ☒ 1. 25 and 27
☒ 2. 5 and 15
☒ 3. 2 and 4
☒ 4. 95 and 135

Question Type : MCQ
Question ID : 6306801214614
Option 1 ID : 6306804777676
Option 2 ID : 6306804777677
Option 3 ID : 6306804777675
Option 4 ID : 6306804777674
Status : Answered
Chosen Option : 4

Q.15 Which institute is responsible for the development of the 'Investor Information and Analytics Platform' in 2024?

- Ans ☒ 1. IIT Kanpur
☒ 2. IIT Madras
☒ 3. IIT Bombay
☒ 4. IIT Delhi

Question Type : MCQ
Question ID : 6306801146116
Option 1 ID : 6306804504621
Option 2 ID : 6306804504620
Option 3 ID : 6306804504622
Option 4 ID : 6306804504619
Status : Not Answered
Chosen Option : --

Q.16 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

GHM, IJO, KLQ, MNS, OPU, ?

- Ans**
- ☒ 1. QSV
 - ☒ 2. QRV
 - ☒ 3. QSW
 - ☒ 4. QRW

Question Type : **MCQ**

Question ID : **6306801214407**

Option 1 ID : **6306804776849**

Option 2 ID : **6306804776848**

Option 3 ID : **6306804776847**

Option 4 ID : **6306804776846**

Status : **Answered**

Chosen Option : **4**

Q.17 The area of the base of a rectangular tank is 6500 cm^2 and the volume of water contained in it is 2.6 cubic meters. The depth of water in the tank is:

- Ans**
- ☒ 1. 4 m
 - ☒ 2. 5 m
 - ☒ 3. 6 m
 - ☒ 4. 3.5 m

Question Type : **MCQ**

Question ID : **6306801213347**

Option 1 ID : **6306804772555**

Option 2 ID : **6306804772556**

Option 3 ID : **6306804772557**

Option 4 ID : **6306804772554**

Status : **Answered**

Chosen Option : **1**

Q.18 If each consonant in the word VERIFY is changed to the letter immediately succeeding it in the English alphabetical order and each vowel is changed to the letter immediately preceding it in the English alphabetical order, then how many consonants are present in the new group of letters thus formed?

- Ans**
- ☒ 1. Three
 - ☒ 2. Four
 - ☒ 3. Five
 - ☒ 4. Six

Question Type : **MCQ**

Question ID : **6306801214587**

Option 1 ID : **6306804777566**

Option 2 ID : **6306804777567**

Option 3 ID : **6306804777568**

Option 4 ID : **6306804777569**

Status : **Answered**

Chosen Option : **2**

Q.19 Which of the following products are formed when sodium sulphate reacts with barium chloride?

Ans

- ☒ 1. Yellow precipitate of BaSO_4 and 2NaCl (aq)
- ☒ 2. Brown precipitate of BaSO_4 and 2NaCl (aq)
- ☒ 3. Black precipitate of BaSO_4 and 2NaCl (aq)
- ☒ 4. White precipitate of BaSO_4 and 2NaCl (aq)

Question Type : **MCQ**

Question ID : **6306801219416**

Option 1 ID : **6306804797072**

Option 2 ID : **6306804797074**

Option 3 ID : **6306804797073**

Option 4 ID : **6306804797071**

Status : **Not Answered**

Chosen Option : --

Q.20 If each vowel in the word GROUPS is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order and then arrange the so formed group of letters in English alphabetical order, then which of the following letters will be third from the left in the group of letter thus formed?

Ans

- ☒ 1. T
- ☒ 2. Q
- ☒ 3. S
- ☒ 4. P

Question Type : **MCQ**

Question ID : **6306801214598**

Option 1 ID : **6306804777612**

Option 2 ID : **6306804777610**

Option 3 ID : **6306804777611**

Option 4 ID : **6306804777613**

Status : **Answered**

Chosen Option : **2**

Q.21 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 in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be:

Ans

- ☒ 1. 7 days
- ☒ 2. 6 days
- ☒ 3. 4 days
- ☒ 4. 5 days

Question Type : **MCQ**

Question ID : **6306801213228**

Option 1 ID : **6306804772081**

Option 2 ID : **6306804772080**

Option 3 ID : **6306804772078**

Option 4 ID : **6306804772079**

Status : **Answered**

Chosen Option : **3**

Q.22 If $x : y = 7 : 3$, then, $(x - y) : (x + y) = ?$

- Ans
- ☒ 1. 5 : 1
 - ☒ 2. 2 : 5
 - ☒ 3. 1 : 5
 - ☒ 4. 5 : 2

Question Type : MCQ

Question ID : 6306801213198

Option 1 ID : 6306804771960

Option 2 ID : 6306804771959

Option 3 ID : 6306804771961

Option 4 ID : 6306804771958

Status : Answered

Chosen Option : 2

Q.23 The cost of 12 pens and 7 pencils is ₹233. If the cost of a pen decreases by ₹1.50 and the cost of a pencil increases by ₹1, then the cost of 2 pens and 3 pencils is ₹48. What is the original cost of 2 pens and 3 pencils?

- Ans
- ☒ 1. ₹54
 - ☒ 2. ₹48
 - ☒ 3. ₹46
 - ☒ 4. ₹41

Question Type : MCQ

Question ID : 6306801213309

Option 1 ID : 6306804772404

Option 2 ID : 6306804772405

Option 3 ID : 6306804772403

Option 4 ID : 6306804772402

Status : Not Answered

Chosen Option : --

Q.24 Which union territory became the first to achieve full functional literacy under the ULLAS-Nav Bharat Saaksharta Karyakram?

- Ans
- ☒ 1. Chandigarh
 - ☒ 2. Ladakh
 - ☒ 3. Lakshadweep
 - ☒ 4. Puducherry

Question Type : MCQ

Question ID : 6306801146003

Option 1 ID : 6306804504184

Option 2 ID : 6306804504185

Option 3 ID : 6306804504186

Option 4 ID : 6306804504183

Status : Answered

Chosen Option : 2

Q.25 The smallest four-digit number that is exactly divisible by each of 24, 40 and 56 is:

- Ans ☒ 1. 1170
☒ 2. 1680
☒ 3. 1260
☒ 4. 1080

Question Type : MCQ

Question ID : 6306801213113

Option 1 ID : 6306804771619

Option 2 ID : 6306804771621

Option 3 ID : 6306804771620

Option 4 ID : 6306804771618

Status : Answered

Chosen Option : 2

Q.26 If each vowel in the word RELATION 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, and then arranged in reverse order of English alphabetical order, then which of the following letters will be fourth from the right in the group of letters thus formed?

- Ans ☒ 1. M
☒ 2. Q
☒ 3. K
☒ 4. P

Question Type : MCQ

Question ID : 6306801214601

Option 1 ID : 6306804777623

Option 2 ID : 6306804777625

Option 3 ID : 6306804777624

Option 4 ID : 6306804777622

Status : Answered

Chosen Option : 3

Q.27 Which award has been conferred to Ms. Prema Dhanraj in the field of Medicine in 2024?

- Ans ☒ 1. Padma Bhusan
☒ 2. Padma Vibhusan
☒ 3. Padma Shri
☒ 4. Bharat Ratna

Question Type : MCQ

Question ID : 630680743134

Option 1 ID : 6306802912843

Option 2 ID : 6306802912842

Option 3 ID : 6306802912844

Option 4 ID : 6306802912841

Status : Not Answered

Chosen Option : --

Q.28 The equivalent resistance of the combination of resistors, when 1 ohm and 2 ohm are connected in parallel, is _____.

- Ans**
- ☒ 1. 3 ohm
 - ☒ 2. (3/2) ohm
 - ☒ 3. 2 ohm
 - ☒ 4. (2/3) ohm

Question Type : **MCQ**

Question ID : **6306801217174**

Option 1 ID : **6306804788153**

Option 2 ID : **6306804788152**

Option 3 ID : **6306804788154**

Option 4 ID : **6306804788151**

Status : **Answered**

Chosen Option : **4**

Q.29 If the surface area of a sphere is $2124\frac{4}{7} \text{ cm}^2$, then what is the diameter of that sphere? [Use $\pi = \frac{22}{7}$]

- Ans**
- ☒ 1. 26 cm
 - ☒ 2. 13 cm
 - ☒ 3. 28 cm
 - ☒ 4. 14 cm

Question Type : **MCQ**

Question ID : **6306801213327**

Option 1 ID : **6306804772477**

Option 2 ID : **6306804772475**

Option 3 ID : **6306804772476**

Option 4 ID : **6306804772474**

Status : **Answered**

Chosen Option : **1**

Q.30 What percentage of solar energy is captured by green plants in terrestrial ecosystem?

- Ans**
- ☒ 1. 5 percent
 - ☒ 2. 10 percent
 - ☒ 3. 1 percent
 - ☒ 4. 100 percent

Question Type : **MCQ**

Question ID : **6306801217340**

Option 1 ID : **6306804788831**

Option 2 ID : **6306804788833**

Option 3 ID : **6306804788832**

Option 4 ID : **6306804788834**

Status : **Answered**

Chosen Option : **3**

Q.31 Which of the following fractions is greater than $\frac{2}{3}$ and less than $\frac{4}{5}$?

- Ans
- ☒ 1. $\frac{3}{4}$
 - ☐ 2. $\frac{1}{2}$
 - ☐ 3. $\frac{5}{6}$
 - ☐ 4. $\frac{9}{11}$

Question Type : MCQ

Question ID : 6306801213093

Option 1 ID : 6306804771539

Option 2 ID : 6306804771538

Option 3 ID : 6306804771540

Option 4 ID : 6306804771541

Status : Answered

Chosen Option : 2

Q.32 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 kings are servants.

Some servants are fighters.

Conclusions:

(I) Some fighters are kings.

(II) All servants are kings.

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

Question Type : MCQ

Question ID : 6306801214509

Option 1 ID : 6306804777255

Option 2 ID : 6306804777254

Option 3 ID : 6306804777256

Option 4 ID : 6306804777257

Status : Answered

Chosen Option : 3

Q.33 Which off the following is the roadmap to achieve development and child protection priorities aligned with the Sustainable Development Goals (SDGs)?

- Ans ☒ 1. Mission Vatsalya
☒ 2. Mission Arpan
☒ 3. Mission Surksha
☒ 4. Mission Vardan

Question Type : MCQ

Question ID : 630680901879

Option 1 ID : 6306803533204

Option 2 ID : 6306803533202

Option 3 ID : 6306803533201

Option 4 ID : 6306803533203

Status : Answered

Chosen Option : 1

Q.34 As of 2024, how many members are there in the steering committee of the GlobE Network, in which India has been elected as a member, as announced by the Central Bureau of Investigation (CBI)?

- Ans ☒ 1. 15
☒ 2. 12
☒ 3. 10
☒ 4. 20

Question Type : MCQ

Question ID : 6306801147031

Option 1 ID : 6306804508259

Option 2 ID : 6306804508258

Option 3 ID : 6306804508257

Option 4 ID : 6306804508260

Status : Not Answered

Chosen Option : --

Q.35 Cells of the meristematic tissue are very active, but they lack:

- Ans ☒ 1. thin cellulose walls
☒ 2. dense cytoplasm
☒ 3. vacuoles
☒ 4. prominent nuclei

Question Type : MCQ

Question ID : 6306801217294

Option 1 ID : 6306804788644

Option 2 ID : 6306804788643

Option 3 ID : 6306804788646

Option 4 ID : 6306804788645

Status : Not Answered

Chosen Option : --

Q.36 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 P related to F if ' $F - E \# L \times Q - P \# N$ '?

- Ans
- ☒ 1. Brother's son
 - ☒ 2. Father's sister
 - ☒ 3. Brother's daughter
 - ☒ 4. Mother's sister

Question Type : MCQ

Question ID : 6306801214372

Option 1 ID : 6306804776706

Option 2 ID : 6306804776708

Option 3 ID : 6306804776707

Option 4 ID : 6306804776709

Status : Answered

Chosen Option : 2

Q.37 A fraction becomes $\frac{1}{2}$ if 2 is added to the numerator and 5 is added to the denominator. It also becomes $\frac{1}{3}$ if 2 is subtracted from both the numerator and denominator. The positive difference between the denominator and the numerator of the fraction is:

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

Question Type : MCQ

Question ID : 6306801213291

Option 1 ID : 6306804772330

Option 2 ID : 6306804772333

Option 3 ID : 6306804772331

Option 4 ID : 6306804772332

Status : Answered

Chosen Option : 2

Q.38 Which of the following compounds is used in soda-acid fire extinguishers?

- Ans
- ☒ 1. Bleaching powder
 - ☒ 2. Sodium bicarbonate
 - ☒ 3. Sodium carbonate
 - ☒ 4. Calcium chloride

Question Type : MCQ

Question ID : 6306801219384

Option 1 ID : 6306804796945

Option 2 ID : 6306804796944

Option 3 ID : 6306804796943

Option 4 ID : 6306804796946

Status : Not Answered

Chosen Option : --

Q.39 Which of the following is the longest cell in our body?

- Ans
- ☒ 1. Fat cell
 - ☒ 2. Nerve cell
 - ☒ 3. Ovum
 - ☒ 4. Blood cell

Question Type : MCQ

Question ID : 6306801217295

Option 1 ID : 6306804788649

Option 2 ID : 6306804788647

Option 3 ID : 6306804788650

Option 4 ID : 6306804788648

Status : Answered

Chosen Option : 2

Q.40 In a certain code language, 'big small average' is coded as '22 33 55', 'small treat party' is coded as '55 44 77', and 'party average people' is coded as '77 22 99'. What is the code for 'people' in the given code language?

- Ans
- ☒ 1. 77
 - ☒ 2. 99
 - ☒ 3. 55
 - ☒ 4. 22

Question Type : MCQ

Question ID : 6306801214604

Option 1 ID : 6306804777634

Option 2 ID : 6306804777635

Option 3 ID : 6306804777637

Option 4 ID : 6306804777636

Status : Answered

Chosen Option : 2

Q.41 L, P, R, V, X, Y, and Z, are sitting around a circular table facing the centre. R sits to the immediate right of V. Only three people sit between R and Z when counted from the left of R. Only three people sit between V and P. X sits to the immediate right of Y. How many people sit between L and Y, when counted from the left of Y?

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

Question Type : **MCQ**

Question ID : **6306801214469**

Option 1 ID : **6306804777097**

Option 2 ID : **6306804777096**

Option 3 ID : **6306804777094**

Option 4 ID : **6306804777095**

Status : **Answered**

Chosen Option : **4**

Q.42 KGFL is related to OJHM in a certain way based on the English alphabetical order. In the same way, ASNP is related to EVPQ. To which of the following options is MBTS related, following the same logic?

- Ans**
- ☒ 1. QEVW
 - ☒ 2. QFVT
 - ☒ 3. QEVT
 - ☒ 4. QEXS

Question Type : **MCQ**

Question ID : **6306801214456**

Option 1 ID : **6306804777045**

Option 2 ID : **6306804777043**

Option 3 ID : **6306804777042**

Option 4 ID : **6306804777044**

Status : **Answered**

Chosen Option : **3**

Q.43 In a row of 37 persons, Aneesha is 12th from the left end. What is her position from the right end?

- Ans**
- ☒ 1. 16
 - ☒ 2. 26
 - ☒ 3. 27
 - ☒ 4. 24

Question Type : **MCQ**

Question ID : **6306801214395**

Option 1 ID : **6306804776798**

Option 2 ID : **6306804776800**

Option 3 ID : **6306804776801**

Option 4 ID : **6306804776799**

Status : **Answered**

Chosen Option : **2**

Q.44 In June 2024, the Indian Army opened the Khalubar War Memorial to tourists, which is located in _____, India.

- Ans ☒ 1. Chandigarh
☒ 2. Ladakh
☒ 3. New Delhi
☒ 4. Bengaluru

Question Type : MCQ

Question ID : 6306801146051

Option 1 ID : 6306804504366

Option 2 ID : 6306804504365

Option 3 ID : 6306804504363

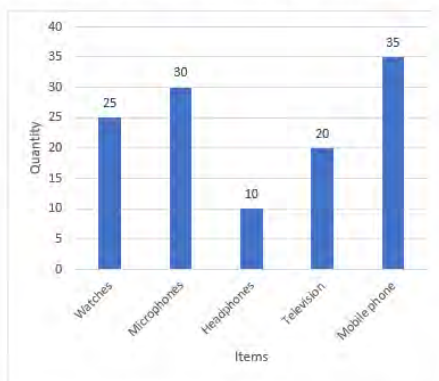
Option 4 ID : 6306804504364

Status : Answered

Chosen Option : 2

Q.45 Study the following graph and answer the given question.

The bar graph shows the number of different items sold by a shopkeeper in their respective quantities.



What is the total units of Headphones and Mobile phones sold put together?

- Ans ☒ 1. 15
☒ 2. 25
☒ 3. 35
☒ 4. 45

Question Type : MCQ

Question ID : 6306801214566

Option 1 ID : 6306804777482

Option 2 ID : 6306804777483

Option 3 ID : 6306804777484

Option 4 ID : 6306804777485

Status : Answered

Chosen Option : 4

Q.46 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 chairs are tables.

Some tables are beds.

Conclusions:

(I) All beds are chairs.

(II) Some tables are chairs.

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

Question Type : **MCQ**

Question ID : **6306801214535**

Option 1 ID : **6306804777361**

Option 2 ID : **6306804777360**

Option 3 ID : **6306804777358**

Option 4 ID : **6306804777359**

Status : **Answered**

Chosen Option : **4**

Q.47 Ramesh and Suresh's mud buildings have heights of 8 cm and 15 cm respectively. They are 24 cm apart. How far are the tops of their mud buildings from each other?

- Ans**
- ☒ 1. 25 cm
 - ☒ 2. 31 cm
 - ☒ 3. 30 cm
 - ☒ 4. 24 cm

Question Type : **MCQ**

Question ID : **6306801213375**

Option 1 ID : **6306804772668**

Option 2 ID : **6306804772666**

Option 3 ID : **6306804772669**

Option 4 ID : **6306804772667**

Status : **Answered**

Chosen Option : **1**

Q.48 The expenditure of Swarna is 125% more than her savings. If her expenditure decreases by 6% and savings increases by 26.5%, then by what percentage does her income increase?

- Ans**
- ☒ 1. 4%
 - ☒ 2. 8%
 - ☒ 3. 18.5%
 - ☒ 4. 20.5%

Question Type : **MCQ**

Question ID : **6306801213146**

Option 1 ID : **6306804771753**

Option 2 ID : **6306804771752**

Option 3 ID : **6306804771751**

Option 4 ID : **6306804771750**

Status : **Answered**

Chosen Option : **2**

Q.49 A man sells an article at a profit of 25%. If he had bought it at 20% less and sold it for ₹10.50 less, he would have gained 30%. Find the cost price of the article.

- Ans**
- ☒ 1. ₹125
 - ☒ 2. ₹25
 - ☒ 3. ₹50
 - ☒ 4. ₹100

Question Type : **MCQ**

Question ID : **6306801213161**

Option 1 ID : **6306804771813**

Option 2 ID : **6306804771810**

Option 3 ID : **6306804771811**

Option 4 ID : **6306804771812**

Status : **Answered**

Chosen Option : **3**

Q.50 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. CGK
 - ☒ 2. LOT
 - ☒ 3. GJO
 - ☒ 4. SVA

Question Type : **MCQ**

Question ID : **6306801214379**

Option 1 ID : **6306804776734**

Option 2 ID : **6306804776735**

Option 3 ID : **6306804776737**

Option 4 ID : **6306804776736**

Status : **Answered**

Chosen Option : **1**

Q.51 Which of the following is the SI unit of work done?

- Ans**
- ☒ 1. Newton
 - ☒ 2. Joule
 - ☒ 3. Metre
 - ☒ 4. Erg

Question Type : **MCQ**

Question ID : **6306801217216**

Option 1 ID : **6306804788319**

Option 2 ID : **6306804788321**

Option 3 ID : **6306804788320**

Option 4 ID : **6306804788322**

Status : **Answered**

Chosen Option : **2**

Q.52 Which of the following hormones stimulates the growth of all organs?

Ans ☒ 1. Growth hormone

☐ 2. Glucagon

☐ 3. Adrenaline

☐ 4. Insulin

Question Type : MCQ

Question ID : 6306801217331

Option 1 ID : 6306804788797

Option 2 ID : 6306804788795

Option 3 ID : 6306804788798

Option 4 ID : 6306804788796

Status : Answered

Chosen Option : 1

Q.53 Which of the following elements is extracted by using electrolytic reduction?

Ans ☐ 1. Zn

☐ 2. Fe

☐ 3. Pb

☒ 4. Na

Question Type : MCQ

Question ID : 6306801219398

Option 1 ID : 6306804796999

Option 2 ID : 6306804797000

Option 3 ID : 6306804797001

Option 4 ID : 6306804797002

Status : Answered

Chosen Option : 1

Q.54 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. QO-MP

☒ 2. NL-JL

☐ 3. TR-PS

☐ 4. JH-FI

Question Type : MCQ

Question ID : 6306801214668

Option 1 ID : 6306804777891

Option 2 ID : 6306804777892

Option 3 ID : 6306804777890

Option 4 ID : 6306804777893

Status : Answered

Chosen Option : 2

Q.55 At what rate (in percentage) per annum will ₹1,300 give ₹520 as simple interest in 5 years?

Ans ☒ 1. 8%

☐ 2. 7%

☐ 3. 4%

☐ 4. 5%

Question Type : MCQ

Question ID : 6306801213185

Option 1 ID : 6306804771909

Option 2 ID : 6306804771908

Option 3 ID : 6306804771906

Option 4 ID : 6306804771907

Status : Answered

Chosen Option : 1

Q.56 After a decrease of 24%, the price of an article is ₹988. The actual cost of the article is:

Ans ☒ 1. ₹1,300

☐ 2. ₹1,400

☐ 3. ₹1,100

☐ 4. ₹1,200

Question Type : MCQ

Question ID : 6306801213122

Option 1 ID : 6306804771655

Option 2 ID : 6306804771654

Option 3 ID : 6306804771657

Option 4 ID : 6306804771656

Status : Answered

Chosen Option : 1

Q.57 Which of the following statements is correct about the gravitational force between the earth and the moon?

Ans ☐ 1.

Gravitational force is repulsive when the moon is far from the earth.

☐ 2.

Gravitational force is repulsive and minimum when the moon is far from the earth.

☒ 3.

Gravitational force is attractive and maximum when the moon is close to the earth.

☐ 4.

Gravitational force is attractive and maximum when the moon is far from the earth.

Question Type : MCQ

Question ID : 6306801217156

Option 1 ID : 6306804788080

Option 2 ID : 6306804788082

Option 3 ID : 6306804788079

Option 4 ID : 6306804788081

Status : Answered

Chosen Option : 2

Q.58 A solution contains 25 g of copper chloride salt in 250 g of water. Calculate the concentration in terms of mass by mass percentage of the solution.

- Ans
- ☒ 1. 18.01%
 - ☒ 2. 9.09%
 - ☒ 3. 27.01%
 - ☒ 4. 36.01%

Question Type : MCQ

Question ID : 6306801214984

Option 1 ID : 6306804779251

Option 2 ID : 6306804779252

Option 3 ID : 6306804779250

Option 4 ID : 6306804779253

Status : Answered

Chosen Option : 2

Q.59 Select the option that shows all biodegradable substances.

- Ans
- ☒ 1. Medicine bottle, Old shoe, Stale biscuits
 - ☒ 2. Bubble packs, Vegetable peelings, Stale bread
 - ☒ 3. Glass bottle, Milk packets, Egg shells, Banana peel
 - ☒ 4. Eggshells, Tea leaves, Potato peelings

Question Type : MCQ

Question ID : 6306801217281

Option 1 ID : 6306804788594

Option 2 ID : 6306804788593

Option 3 ID : 6306804788591

Option 4 ID : 6306804788592

Status : Answered

Chosen Option : 4

Q.60 For certain data, the mode is 24.6 and mean is 20.1. What is the median of that data, using empirical formula?

- Ans
- ☒ 1. 21.6
 - ☒ 2. 22.2
 - ☒ 3. 24.1
 - ☒ 4. 23.5

Question Type : MCQ

Question ID : 6306801213271

Option 1 ID : 6306804772252

Option 2 ID : 6306804772251

Option 3 ID : 6306804772253

Option 4 ID : 6306804772250

Status : Answered

Chosen Option : 1

Q.61 In the case of reflection of light from a concave mirror, when a parallel beam of light is incident on the reflecting surface, reflected light _____.

- Ans**
- ☒ 1. appears to converge at the principal focus
 - ☐ 2. appears to converge at the centre of curvature
 - ☐ 3. appears to diverge from the principal focus
 - ☐ 4. appears to diverge from the centre of curvature

Question Type : **MCQ**

Question ID : **6306801217206**

Option 1 ID : **6306804788279**

Option 2 ID : **6306804788280**

Option 3 ID : **6306804788282**

Option 4 ID : **6306804788281**

Status : **Not Answered**

Chosen Option : --

Q.62 A dealer allows a 30% discount on the marked price of an item. What is the marked price of the item if its sale price is ₹12,460?

- Ans**
- ☐ 1. ₹17,860
 - ☐ 2. ₹16,760
 - ☒ 3. ₹17,800
 - ☐ 4. ₹16,800

Question Type : **MCQ**

Question ID : **6306801213169**

Option 1 ID : **6306804771844**

Option 2 ID : **6306804771842**

Option 3 ID : **6306804771845**

Option 4 ID : **6306804771843**

Status : **Answered**

Chosen Option : **3**

Q.63 In which of the following phenomena does a solid substance change into a liquid substance?

- Ans**
- ☒ 1. Fusion
 - ☐ 2. Solidification
 - ☐ 3. Deposition
 - ☐ 4. Sublimation

Question Type : **MCQ**

Question ID : **6306801219364**

Option 1 ID : **6306804796864**

Option 2 ID : **6306804796863**

Option 3 ID : **6306804796866**

Option 4 ID : **6306804796865**

Status : **Answered**

Chosen Option : **4**

Q.64 If a light ray is travelling from medium of refractive index ' n_1 ' to the medium of refractive index ' n_2 ' such that angle of incidence is ' i ' and angle of refraction ' r ' (assuming $0 < i < 90$ degree), then n_1/n_2 is equal to _____.

- Ans ☒ 1. $\sin i - \sin r$
- ☒ 2. $\frac{\sin r}{\sin i}$
- ☒ 3. $\frac{\sin i}{\sin r}$
- ☒ 4. $\sin r - \sin i$

Question Type : **MCQ**

Question ID : **6306801217193**

Option 1 ID : **6306804788229**

Option 2 ID : **6306804788227**

Option 3 ID : **6306804788228**

Option 4 ID : **6306804788230**

Status : **Answered**

Chosen Option : **1**

Q.65 If $x + \frac{1}{x} = 4$, then $x^2 + \frac{1}{x^2} = ?$

- Ans ☒ 1. 12
- ☒ 2. 16
- ☒ 3. 14
- ☒ 4. 18

Question Type : **MCQ**

Question ID : **6306801213275**

Option 1 ID : **6306804772269**

Option 2 ID : **6306804772267**

Option 3 ID : **6306804772268**

Option 4 ID : **6306804772266**

Status : **Answered**

Chosen Option : **3**

Q.66 The internal bisectors of $\angle Q$ and $\angle R$ of $\triangle PQR$ meet at S. If $m\angle P = 75^\circ$, then $m\angle QSR$ is:

- Ans ☒ 1. 102.5°
- ☒ 2. 127.5°
- ☒ 3. 112.5°
- ☒ 4. 105.5°

Question Type : **MCQ**

Question ID : **6306801213356**

Option 1 ID : **6306804772593**

Option 2 ID : **6306804772590**

Option 3 ID : **6306804772591**

Option 4 ID : **6306804772592**

Status : **Answered**

Chosen Option : **2**

Q.67 The ability of a fully differentiated organism to give rise to new individuals from their body parts is known as:

- Ans
- ☐ 1. fission
 - ☐ 2. budding
 - ☐ 3. Fragmentation
 - ☒ 4. regeneration

Question Type : MCQ

Question ID : 6306801217336

Option 1 ID : 6306804788816

Option 2 ID : 6306804788815

Option 3 ID : 6306804788817

Option 4 ID : 6306804788818

Status : Answered

Chosen Option : 3

Q.68 In a certain code language, 'know me better' is coded as 'jf bu pd' and 'better know something' is coded as 'bu jf ls'.
What is the code for 'something' in the given code language?

- Ans
- ☒ 1. ls
 - ☐ 2. pd
 - ☐ 3. bu
 - ☐ 4. jf

Question Type : MCQ

Question ID : 6306801214498

Option 1 ID : 6306804777212

Option 2 ID : 6306804777213

Option 3 ID : 6306804777210

Option 4 ID : 6306804777211

Status : Answered

Chosen Option : 1

Q.69 What is the name of Bhim Singh's book launched on August 11, 2024?

- Ans
- ☐ 1. Heroes of Indian Freedom
 - ☒ 2. 75 Great Revolutionaries of India
 - ☐ 3. Unsung Warriors of India
 - ☐ 4. Legends of Indian Revolution

Question Type : MCQ

Question ID : 6306801140326

Option 1 ID : 6306804481357

Option 2 ID : 6306804481356

Option 3 ID : 6306804481358

Option 4 ID : 6306804481359

Status : Not Answered

Chosen Option : --

Q.70 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:

The special task force set up by the government has found that toxic waste is being mixed with dry waste by many apartment complexes before collection by the municipality, causing severe danger to the waste processing personnel and the environment.

Courses of Action:

(I) Apartment complexes should be heavily penalised in instances where toxic and dry waste is not properly segregated before collection.

(II) Apartment complexes should issue clear guidelines on waste segregation to the apartment residents.

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

Question Type : **MCQ**

Question ID : **6306801214384**

Option 1 ID : **6306804776756**

Option 2 ID : **6306804776755**

Option 3 ID : **6306804776754**

Option 4 ID : **6306804776757**

Status : **Answered**

Chosen Option : **4**

Q.71 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. E sits third from the left end. Only one person sits to the right of D. G sits second to the left of D. B sits to the immediate right of C. F does not sit to the right of A. How many people sit between F and E?

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

Question Type : **MCQ**

Question ID : **6306801214366**

Option 1 ID : **6306804776683**

Option 2 ID : **6306804776685**

Option 3 ID : **6306804776682**

Option 4 ID : **6306804776684**

Status : **Answered**

Chosen Option : **4**

Q.72 Which of the following options should come in place of the question mark (?) in the given series based on the English alphabetical order?

YZX, VWU, STR, PQO, MNL, ?

- Ans**
- ☒ 1. CBA
 - ☒ 2. KJI
 - ☒ 3. JKI
 - ☒ 4. IJK

Question Type : **MCQ**

Question ID : **6306801214405**

Option 1 ID : **6306804776840**

Option 2 ID : **6306804776838**

Option 3 ID : **6306804776841**

Option 4 ID : **6306804776839**

Status : **Answered**

Chosen Option : **3**

Q.73 The Indian Air Force (IAF) contingent returned to India on 10 August 2024 after participating in Exercise _____ in Malaysia.

- Ans**
- ☒ 1. Red Flag
 - ☒ 2. Garuda
 - ☒ 3. Cope India
 - ☒ 4. Udara Shakti

Question Type : **MCQ**

Question ID : **6306801144689**

Option 1 ID : **6306804498929**

Option 2 ID : **6306804498926**

Option 3 ID : **6306804498928**

Option 4 ID : **6306804498927**

Status : **Answered**

Chosen Option : **4**

Q.74 A thief running at a speed of 8 km/h is chased by a policeman whose speed is 10 km/h. If the thief is 100 m ahead of the policeman, then the time required for the policeman to catch the thief will be:

- Ans**
- ☒ 1. 2 minutes
 - ☒ 2. 10 minutes
 - ☒ 3. 3 minutes
 - ☒ 4. 6 minutes

Question Type : **MCQ**

Question ID : **6306801213214**

Option 1 ID : **6306804772022**

Option 2 ID : **6306804772025**

Option 3 ID : **6306804772023**

Option 4 ID : **6306804772024**

Status : **Answered**

Chosen Option : **3**

Q.75 The arithmetic mean of the observations 3, 6, 8, 10, 12, 14, 18, 24 and 31 is:

- Ans
- ☒ 1. 16
 - ☒ 2. 15
 - ☒ 3. 17
 - ☒ 4. 14

Question Type : MCQ

Question ID : 6306801213249

Option 1 ID : 6306804772163

Option 2 ID : 6306804772164

Option 3 ID : 6306804772162

Option 4 ID : 6306804772165

Status : Answered

Chosen Option : 4

2024/12/02-21:29:44