### Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/09/2024
Exam Time	12:30 PM - 1:30 PM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

ABC\_FG\_JK\_MOPQ\_TUV\_Y

Ans X 1. DHLRW

X 2. DHLSX

X 3. EHLRX

✓ 4. EHLRW

Question ID: 630680222415
Option 1 ID: 630680863462
Option 2 ID: 630680863461
Option 3 ID: 630680863459
Option 4 ID: 630680863460
Status: Answered

Chosen Option : 2

Q.2 In a certain code language, 'FUTURE' is written as 'IXWXUH' and 'ISLAND' is written as 'LVODQG'. How will 'JERSEY' be written in that language?

Ans

X 1. KHTUHA

X 2. MHTVGB

X 4. KGTVGA

Question ID : 630680172752

Option 1 ID: 630680669409 Option 2 ID: 630680669408 Option 3 ID: 630680669411 Option 4 ID: 630680669410 Status: Answered

Q.3 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. You have to decide which conclusion(s) logically follow(s) from the given statements. Statements: All Grapes are Berries.

Some Berries are Juices.

All Juices are Sodas.

Conclusions: (I) Some Berries are Grapes.

(II) Some Sodas are Berries.

X 1. Only conclusion (I) follows

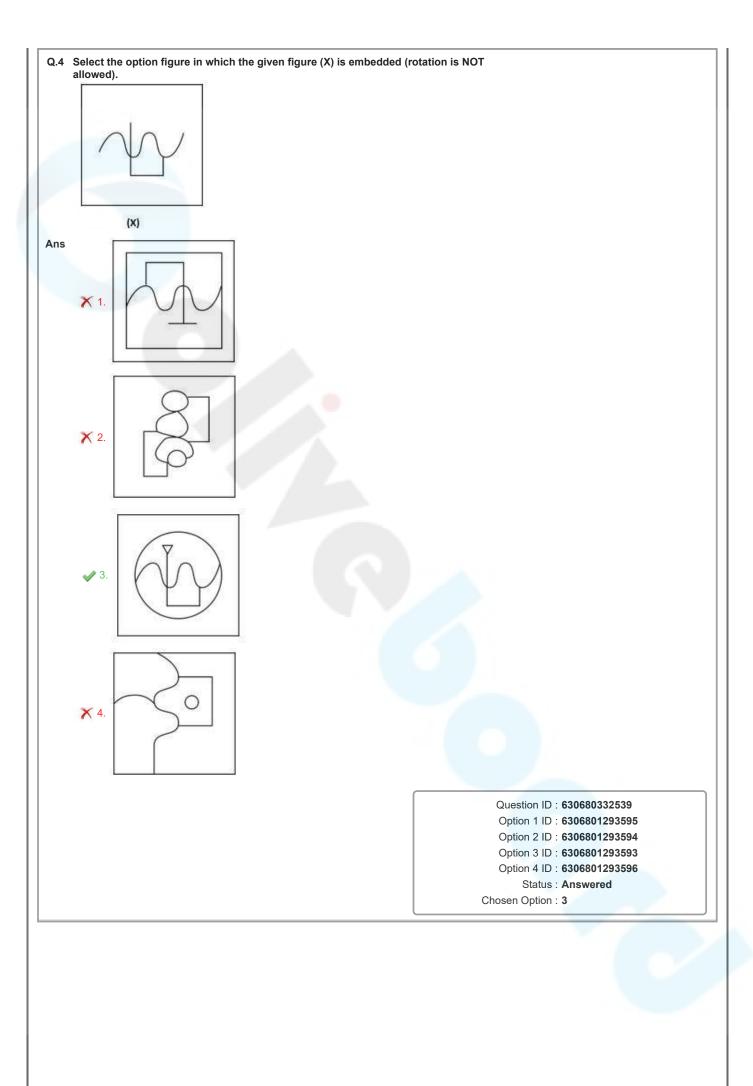
X 2. Only conclusion (II) follows

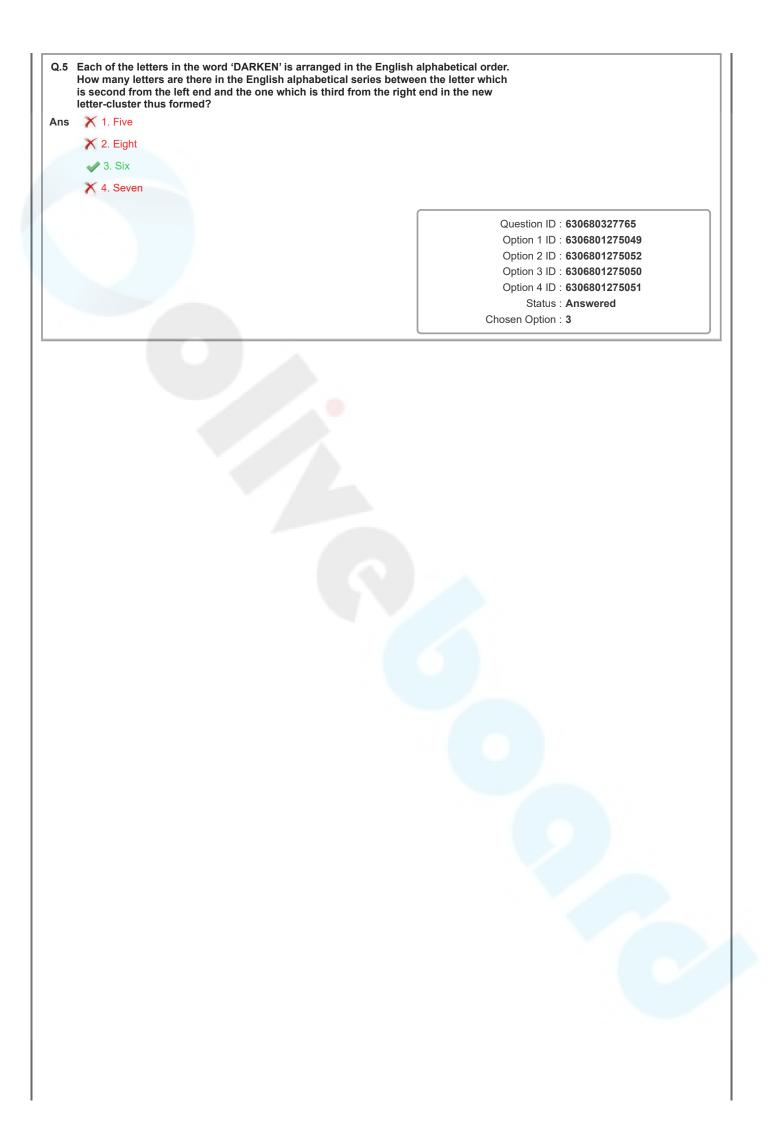
3. Both the conclusions (I) and (II) follow

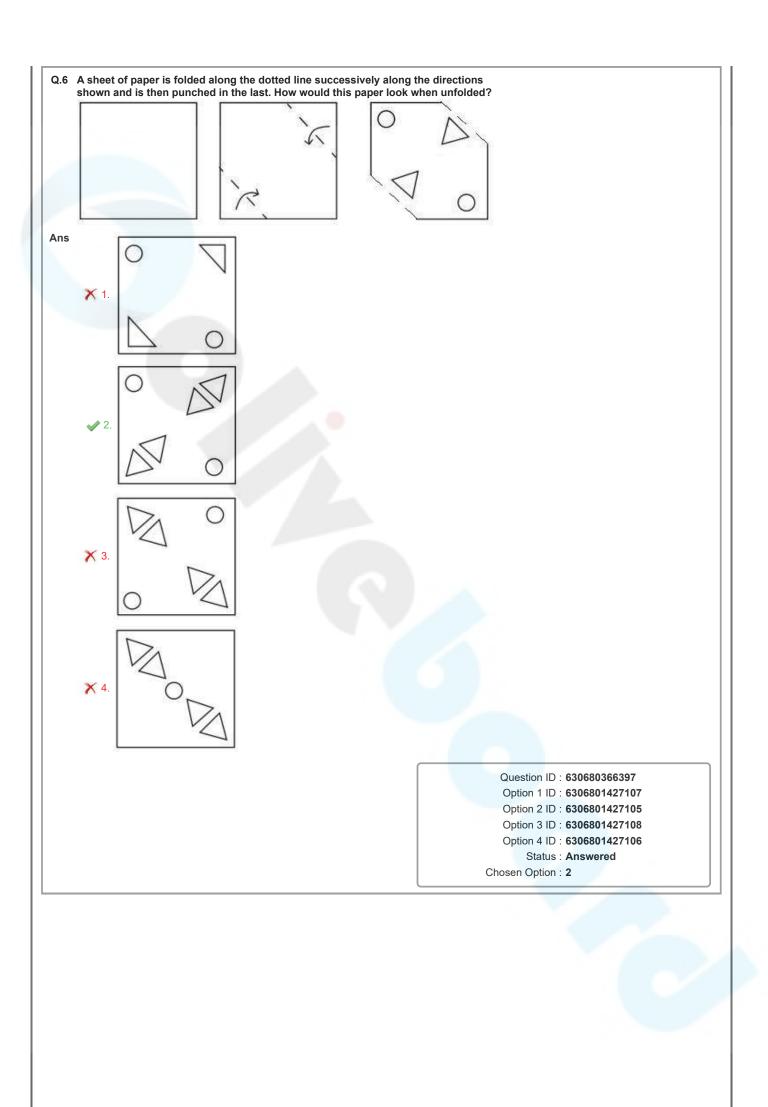
X 4. Both the conclusions (I) and (II) do not follow

Question ID: 630680403884 Option 1 ID: 6306801575022 Option 2 ID : **6306801575023** Option 3 ID: 6306801575024 Option 4 ID: 6306801575025

Status: Answered







Question ID: 630680296927
Option 1 ID: 6306801155351
Option 2 ID: 6306801155352
Option 3 ID: 6306801155353
Option 4 ID: 6306801155354

Status : Answered

Chosen Option: 2

Q.8 Six numbers 5, 3, 6, 7, 9 and 2 are written on different faces of a dice. Two positions of this dice are shown in the figure below. Find the number on the face opposite to the one having 5.





Ans 🚀 1. 2

**X** 2. 9

**X** 3. 3

X 4.6

Question ID: 630680382714
Option 1 ID: 6306801491773
Option 2 ID: 6306801491771
Option 3 ID: 6306801491772
Option 4 ID: 6306801491774
Status: Answered

Chosen Option: 1

Q.9 'Conceal' is related to 'Disclose' in the same way as 'Identical' is related to '\_\_\_\_\_'.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Ans X 1. Similar

X 2. Analogous

3. Distinct

X 4. Homogeneous

Question ID : 630680416704

Option 1 ID : **6306801625579** Option 2 ID : **6306801625581** Option 3 ID : **6306801625582** 

Option 4 ID : **6306801625580** Status : **Answered** 

Q.10 Select the number that will come in the place of the question mark(?), if '+' and ' - ' are interchanged and 'x' and '÷' are interchanged

 $11 \div 8 - 78 \times 6 + 37 = ?$ 

Ans

- X 1. 62
- **2**. 64
- **X** 3. 58
- X 4. 71

Question ID: 630680163577

Option 1 ID: 630680633492 Option 2 ID: 630680633495 Option 3 ID: 630680633493 Option 4 ID: 630680633494

Status: Answered

Chosen Option: 2

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following set.

3 — 20 — 5 4 — 17 — 3

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 1.8 36 11
  - X 2.5 28 9
  - **√** 3. 9 77 8
- X 4. 11 28 5

Question ID: 630680313543

Option 1 ID: 6306801220038 Option 2 ID: 6306801220037

Option 3 ID: 6306801220039 Option 4 ID: 6306801220040

Status: Answered Chosen Option: 3

Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (16, 7, 112)

(8, 12, 96)

- **Ans** X 1. (13, 7, 96)
  - X 2. (14, 9, 128)
  - **X** 3. (12, 5, 65)
  - **4**. (15, 8, 120)

Question ID: 630680338900

Option 1 ID: 6306801318191

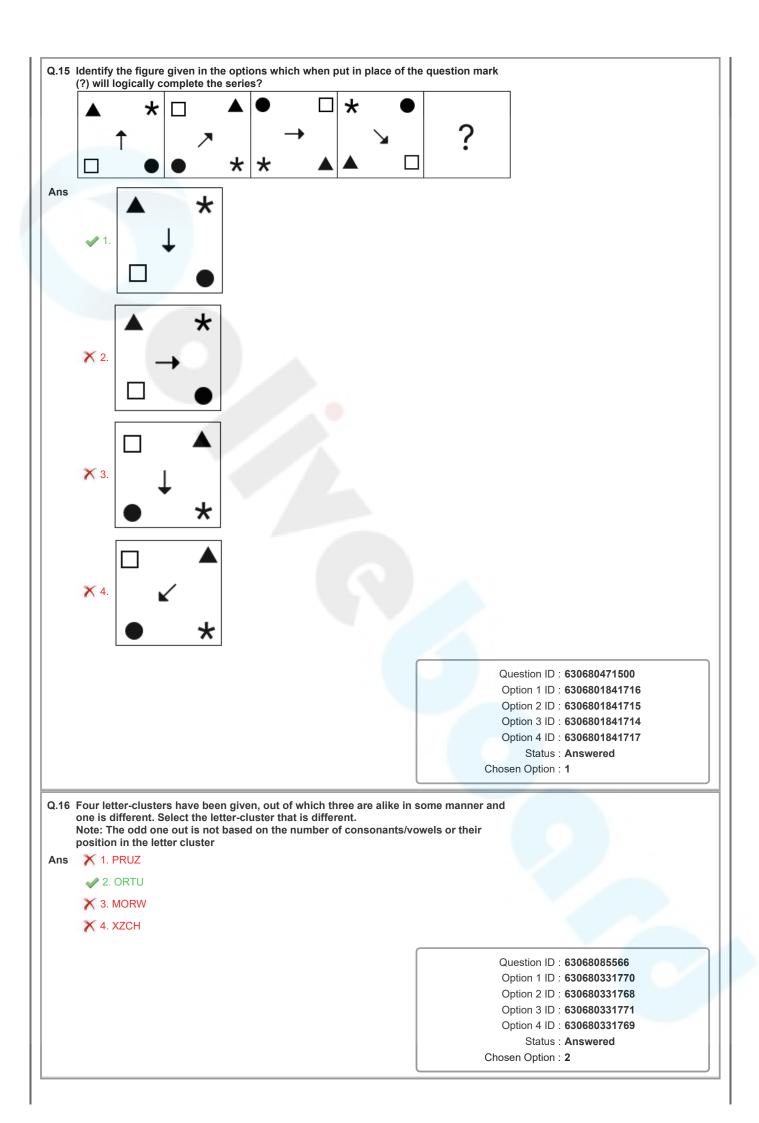
Option 2 ID: 6306801318192 Option 3 ID: 6306801318189

Option 4 ID: 6306801318190

Status: Answered

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<b>X</b> 4	100	F		3											on ID :			
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Question ID: 630680324897 Option 1 ID: 6306801263987 Option 2 ID: 6306801263985 Option 3 ID: 6306801263986 Option 4 ID: 6306801263988 Status: Answered



Q.17 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

X 2. 23 : 25

X 3. 35 : 36

X 4. 13:16

Question ID: 630680412029
Option 1 ID: 6306801606954
Option 2 ID: 6306801606953
Option 3 ID: 6306801606952
Option 4 ID: 6306801606951
Status: Answered

Chosen Option : 3

Q.18 Two different positions of the same dice with faces Z, G, M, F, H and S are shown below. Select the letter that will be on the face opposite to the one having G.





Ans X 1.

🥠 2. F

X 3. H

X 4. M

Question ID : 630680349071

Option 1 ID: 6306801358575 Option 2 ID: 6306801358576 Option 3 ID: 6306801358574 Option 4 ID: 6306801358573

Status : Answered

Chosen Option : 2

Q.19 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

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

$$48 - 50 - 46 - 52$$
;  $37 - 39 - 35 - 41$ 

Ans

Question ID: 630680814084
Option 1 ID: 6306803189553
Option 2 ID: 6306803189555
Option 3 ID: 6306803189554
Option 4 ID: 6306803189556

Status : Answered

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series. 176,167,156,147,136, ? X 1. 126 Ans X 2. 119 **3**. 127 X 4. 124 Question ID: 630680411900 Option 1 ID: 6306801606437 Option 2 ID: 6306801606438 Option 3 ID: 6306801606436 Option 4 ID: 6306801606435 Status: Answered Chosen Option: 3 Q.21 Which of the four options will replace the question mark (?) in the following series? FX32, EV38, DT44, CR50, ? ✓ 1. BP56 Ans X 2. CR54 X 3. DP55 X 4. CQ55 Question ID: 630680416332 Option 1 ID: 6306801624092 Option 2 ID: 6306801624094 Option 3 ID: 6306801624091 Option 4 ID: 6306801624093 Status : Answered Chosen Option : 1 Q.22 What will come in the place of '?' in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?  $7 + 4 \div 18 - 3 \times 2 = ?$ Ans X 1. 18 **X** 2. 16

**3**. 24

X 4. 20

Question ID : 630680339260 Option 1 ID : 6306801319611

Option 2 ID : **6306801319612** Option 3 ID : **6306801319610** Option 4 ID : **6306801319609** 

Status : Answered

Q.23 Which of the following terms will replace the question mark (?) in the given series? QGMW, VCPU, AYSS, ? , KQYO √ 1. FUVQ Ans X 2. FTUO X 3. FVQO X 4. FUXO Question ID : 630680417053 Option 1 ID: 6306801626976 Option 2 ID: 6306801626975 Option 3 ID: 6306801626978 Option 4 ID: 6306801626977 Status : Answered Chosen Option: 1 Q.24 In a certain code language, 'D' is coded as '16', 'B' is coded as '4' and 'T' is coded as '400'. How will 'H' be coded in the same language? Ans X 1. 36 **2**. 64 X 3. 25 **X** 4.8 Question ID: 630680416272 Option 1 ID: 6306801623851 Option 2 ID: 6306801623853 Option 3 ID: 6306801623854 Option 4 ID: 6306801623852 Status: Answered Chosen Option : 2 Q.25 In a certain code language, 'bright colour rainbow' is coded as 'mq bj st' and 'sunny bright day' is coded as 'nv bj fm'. How is 'bright' coded in that language? Ans X 1. st X 2. mq X 3. nv √ 4. bj Question ID: 63068082924 Option 1 ID: 630680321557 Option 2 ID: 630680321559 Option 3 ID: 630680321556 Option 4 ID: 630680321558 Status: Answered

Chosen Option: 4

Section: General Awareness

# Q.1 At the 36th National Games, Hashika Ramchandra won six gold medals in which of the following sports? Ans 1. Swimming

X 2. Boxing

X 3. Wrestling

X 4. Badminton

Question ID: 630680510806
Option 1 ID: 6306801996354
Option 2 ID: 6306801996356
Option 3 ID: 6306801996355
Option 4 ID: 6306801996357
Status: Not Answered

Chosen Option: --

#### Q.2 Which state in India was the most transformed by the Green Revolution?

Ans X 1. Kerala

X 2. Maharashtra

3. Punjab

X 4. West Bengal

Question ID: 630680411101
Option 1 ID: 6306801603156
Option 2 ID: 6306801603158
Option 3 ID: 6306801603157
Option 4 ID: 6306801603159
Status: Answered

Chosen Option: 3

# Q.3 Which of the following ports was developed as a Satellite port to relieve the pressure at the Mumbai port?

Ans X 1. Marmagao Port

X 2. New Mangalore Port

X 3. Deendayal Port Authority

4. Jawaharlal Nehru Port

Question ID: 630680227941
Option 1 ID: 630680884440
Option 2 ID: 630680884449
Option 3 ID: 630680884442
Option 4 ID: 630680884441
Status: Answered

Chosen Option: 4

#### Q.4 Who among the following was the shortest-serving Prime Minister of India?

Ans X 1. Atal Bihari Vajpayee

2. Gulzarilal Nanda

X 3. Chandra Shekhar

X 4. Charan Singh

Question ID: 630680305542
Option 1 ID: 6306801188542
Option 2 ID: 6306801188541
Option 3 ID: 6306801188544
Option 4 ID: 6306801188543
Status: Answered

Q.5 In the context of Mathura school of Art, during which of the following periods were a number of sculptures of Brahmanical deities, such as Kartikeya, Vishnu and Kubera carved? Ans X 1. Satavahana X 2. Shaka X 3. Parthian 4. Kushana Question ID: 630680412361 Option 1 ID: 6306801608269 Option 2 ID: 6306801608268 Option 3 ID: 6306801608270 Option 4 ID: 6306801608267 Status: Not Answered Chosen Option: --Q.6 In which of the following situations does the government run a deficit budget? Ans X 1. When the government expenditure and revenue both are zero. 2. When the government revenue exceeds expenditure. X 3. When the government expenditure equals revenue. 4. When the government expenditure exceeds revenue. Question ID: 630680324425 Option 1 ID: 6306801262181 Option 2 ID: 6306801262183 Option 3 ID: 6306801262182 Option 4 ID: 6306801262184 Status: Answered Chosen Option: 4 Q.7 Tsang Po and Jamuna are other names of which river? Ans X 1. Narmada X 2. Indus X 3. Ganga 4. Brahmaputra Question ID: 630680309103 Option 1 ID: 6306801202592 Option 2 ID: 6306801202590 Option 3 ID: 6306801202589 Option 4 ID: 6306801202591 Status: Answered Chosen Option: 4 Q.8 Which of the following groups/parties was started in San Francisco, United States of **America during the Indian National Movement?** X 1. Khilafat Committee Ans 2. Ghadar Party X 3. Swaraj Party X 4. Hindustan Socialist Republican Association Question ID: 630680511504

Option 1 ID: 6306801999141
Option 2 ID: 6306801999140
Option 3 ID: 6306801999138
Option 4 ID: 6306801999139
Status: Answered

Q.9 Which of the following organisations is NOT a winner of the \$100,000 cash prize as 'Best Small Business: Good Food for All', announced by the United Nations for providing inspiring, diverse and impactful solutions in improving access to healthy and sustainable food? X 1. Edible Routes Private Limited X 2. Oorja Development Solutions India Private Limited X 3. Taru Naturals 4. Patanjali Question ID: 630680196012 Option 1 ID: 630680760435 Option 2 ID: 630680760436 Option 3 ID: 630680760437 Option 4 ID: 630680760438 Status: Not Answered Chosen Option : --Q.10 'Castling' is related to which of the following sports? ✓ 1. Chess X 2. Billiards X 3. Tennis X 4. Table Tennis Question ID: 630680510773 Option 1 ID: 6306801996224 Option 2 ID: 6306801996225 Option 3 ID: 6306801996223 Option 4 ID: 6306801996222 Status : **Answered** Chosen Option: 1 Q.11 What is the cost of the 'Nand Baba Milk Mission' scheme launched by the Uttar Pradesh state government in 2023 to provide milk producers the facility of selling their milk at a reasonable price in villages through dairy co-operative societies? Ans X 1. ₹2,000 crore X 2. ₹1,500 crore X 3. ₹500 crore 4. ₹1,000 crore Question ID : 630680413086 Option 1 ID: 6306801611170 Option 2 ID: 6306801611169 Option 3 ID: 6306801611167 Option 4 ID: 6306801611168 Status: Not Answered Chosen Option: --

#### Q.12 In the context of vernier calliper, an internal jaw is used to measure:

Ans X 1. the depth of a beaker

X 2. the length correct up to 1 mm

X 3. the length of a rod and diameter of a sphere

4. the internal diameter of a hollow cylinder and pipes

Question ID: 63068076925
Option 1 ID: 630680297799
Option 2 ID: 630680297800
Option 3 ID: 630680297797
Option 4 ID: 630680297798
Status: Answered

Chosen Option: 4

## Q.13 Match the terms in column A with their respective properties in column B.

Column-A Column-B

i. Glucose a. Intermediate substance in

breakdown of glucose

ii. Yeast b. Glucose is converted into pyruvic

acid

iii. Glycolysis c. Uses nutrients for fermentation

process

iv. Pyruvic acid d. Best organic substrate for respiration

Ans 💜 1. i-d, ii-c, iii-b, iv-a

X 2. i-b, ii-d, iii-a, iv-c

X 3. i-a, ii-b, iii-c, iv-d

X 4. i-b, ii-a, iii-d, iv-c

Question ID: 630680117896
Option 1 ID: 630680456765
Option 2 ID: 630680456763
Option 3 ID: 630680456762
Option 4 ID: 630680456764
Status: Not Answered

Chosen Option : --

#### Q.14 If a bar magnet is hung from a string, in which direction does its north pole point?

Ans 💜 1. North

X 2. South

X 3. East

X 4. West

Question ID : **63068094224** Option 1 ID : **630680365591** 

Option 2 ID : **630680365592** Option 3 ID : **630680365593** Option 4 ID : **630680365594** 

Status : Answered

Match the points under Column A with those under Column B.

Column A (Subphylum) Column B (Animal)

- i. Hexapoda
- a. Daphnia
- ii. Crustacea
- b. Mosquito
- iii. Myriapoda
- c. Limulus
- iv. Chelicerata
- d. Julus

Ans

- ✓ 1. i-b, ii-a, iii-d, iv-c
- X 2. i-d, ii-c, iii-b, iv-a
- X 3. i-a, ii-b, iii-c, iv-d
- X 4. i-b, ii-c, iii-a, iv-d

Question ID: 630680199662
Option 1 ID: 630680774257
Option 2 ID: 630680774258
Option 3 ID: 630680774255
Option 4 ID: 630680774256
Status: Not Answered

Chosen Option: --

#### Q.16 Fugdi dance is associated with which of the following states?

Ans X 1. Uttar Pradesh

2. Goa

X 3. Kerala

X 4. Uttarakhand

Question ID : **630680402090** Option 1 ID : **6306801568105** 

Option 2 ID : **6306801568104** Option 3 ID : **6306801568107** Option 4 ID : **6306801568106** 

Status : Not Answered Chosen Option : --

# Q.17 The concept of 'Independence of judiciary' in the Indian Constitution is taken from the Constitution of:

Ans X 1. France

X 2. Britain

X 3. Ireland

Question ID: 630680413056

Option 1 ID : 6306801611047

Option 2 ID : **6306801611048** Option 3 ID : **6306801611050** 

Option 4 ID : **6306801611049** 

Status : Not Answered

Ordina :

# Q.18 Umayalpuram K Sivaraman is an eminent musician associated with which of the following musical instruments? Ans X 1. Dhol X 2. Sitar 3. Mridangam X 4. Guitar Question ID: 630680216239 Option 1 ID: 630680838932 Option 2 ID: 630680838931 Option 3 ID: 630680838933 Option 4 ID: 630680838934 Status: Not Answered Chosen Option: --Q.19 Rottela Panduga or the Roti Festival is celebrated in which Indian state? Ans X 1. Maharashtra 2. Andhra Pradesh X 3. Tamil Nadu X 4. Karnataka Question ID: 630680166678 Option 1 ID: 630680645627 Option 2 ID: 630680645625 Option 3 ID: 630680645626 Option 4 ID: 630680645624 Status : Answered Chosen Option : 2 Q.20 Belur Math was founded by which of the following social reformers in British India? Ans X 1. KT Telang 2. Swami Vivekanand X 3. VN Mandlik X 4. RG Bhandarkar Question ID: 630680412366 Option 1 ID: 6306801608289 Option 2 ID: 6306801608290 Option 3 ID: 6306801608288 Option 4 ID: 6306801608287 Status: Not Answered Chosen Option: --Q.21 Which of the following parts of the mountain will receive the most rainfall from moisture-laden winds? Ans X 1. Leeward side X 2. Relief side X 3. Upward side 4. Windward side Question ID: 63068094177

Question ID: 63068094177
Option 1 ID: 630680365405
Option 2 ID: 630680365403
Option 3 ID: 630680365404
Option 4 ID: 630680365406
Status: Answered
Chosen Option: 1

# Q.22 Which singer from Assam was posthumously awarded the Bharat Ratna in 2019? Ans X 1. Rameshwar Pathak X 2. Padmanav Bordoloi X 3. Archana Mahanta 4. Bhupen Hazarika Question ID : 630680511799 Option 1 ID: 6306802000166 Option 2 ID: 6306802000169 Option 3 ID: 6306802000168 Option 4 ID: 6306802000167 Status: Answered Chosen Option: 4 Q.23 Medini Rai of Chanderi, Hasan Khan of Mewat and Mahmud Lodi joined Rana Sanga with their forces to fight against which of the following Mughal rulers? X 1. Aurangzeb X 2. Humayun 3. Babur X 4. Akbar Question ID: 630680412427 Option 1 ID: 6306801608534 Option 2 ID: 6306801608531 Option 3 ID: 6306801608532 Option 4 ID: 6306801608533 Status : Answered Chosen Option : 2 Q.24 Which writ is issued by a high court or supreme court when a lower court has considered a case going beyond its jurisdiction? Ans X 1. Certiorari X 2. Quo Warrant X 3. Habeas Corpus 4. Prohibition Question ID: 630680408203 Option 1 ID: 6306801591710 Option 2 ID: 6306801591709 Option 3 ID: 6306801591707 Option 4 ID: 6306801591708 Status: Answered Chosen Option: 1 Q.25 As per the UNDP, the rank of Sri Lanka in the Human Development Index (2022) is: Ans X 1. 72/189 X 2. 74/189 **X** 3. 75/189 **4**. 73/189 Question ID: 630680409641 Option 1 ID: 6306801597393 Option 2 ID: 6306801597395

Option 3 ID : **6306801597396** Option 4 ID : **6306801597394** Status : **Not Answered** 

If  $8\cot\theta = 7$ , then the value of  $\frac{1 + \sin\theta}{\cos\theta}$  is:

$$\times$$
 1.  $\frac{1+\sqrt{113}}{8}$ 

$$\times 2. \frac{7 + \sqrt{113}}{8}$$

$$\times 3. \frac{1 + \sqrt{113}}{7}$$

$$\times$$
 3.  $\frac{1+\sqrt{113}}{7}$ 

$$\checkmark$$
 4.  $\frac{8 + \sqrt{113}}{7}$ 

Question ID: 6306801048019 Option 1 ID: 6306804114122 Option 2 ID: 6306804114123 Option 3 ID: 6306804114125 Option 4 ID : 6306804114124

Status : Answered

Chosen Option : 2

Q.2 The table given below shows the distribution of employees in four different companies in 2022.

Company	Number of zones	Average number of employees per zone	Male : Female
A	30	300	3:5
В	35	400	5:3
C	27	500	4:5
D	25	450	5:4

Find the total number of male employees working in company D in 2022.

Ans

X 1. 6000

X 2. 6750

X 3. 6500

**4**. 6250

Question ID: 630680428172

Option 1 ID: 6306801670733 Option 2 ID: 6306801670735 Option 3 ID: 6306801670734 Option 4 ID: 6306801670732

Status: Answered

Q.3 The side BC of  $\triangle$ ABC is produced to a point D. If AC = BC and  $\angle$ BAC = 70°, then find the value of 2.5 $\angle$  ACD - 1.5 $\angle$  ABC. Ans X 1. 235° √ 2. 245° X 3. 225° X 4. 230° Question ID: 630680379709 Option 1 ID: 6306801479881 Option 2 ID: 6306801479882 Option 3 ID: 6306801479879 Option 4 ID: 6306801479880 Status : Answered Chosen Option : 2 Q.4 The marked price of an electronic watch in a store is ₹15,620 and it is available at a discount of 27%. What is the price (in ₹, to the nearest tens) that a customer pays if he buys from the store? **1**. 11,400 Ans **X** 2. 9,880 **X** 3. 12,500 **X** 4. 10,800 Question ID : 630680427949 Option 1 ID: 6306801669841 Option 2 ID: 6306801669842 Option 3 ID: 6306801669840 Option 4 ID: 6306801669843 Status : Answered Chosen Option : 1 Q.5 The five-digit number 45yz0 is divisible by 40. What is the maximum possible value of (y + z)? Ans **1**. 16 **X** 2. 18 **X** 3. 17 X 4. 15 Question ID: 630680115765 Option 1 ID: 630680448399 Option 2 ID: 630680448401 Option 3 ID: 630680448400 Option 4 ID: 630680448398 Status: Answered Chosen Option: 4

If  $x = \sqrt{6} + 2$  and  $y = \sqrt{6} - 2$ , then what is the value of  $\left(\frac{x}{y} + \frac{y}{x}\right)^2 - 3$ ?

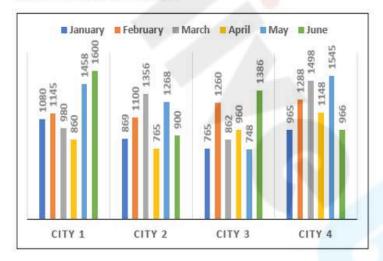
- Ans X 1. 22
  - **X** 2. 35
  - X 3. 42
  - **4**. 97

Question ID: 630680413535 Option 1 ID: 6306801612964 Option 2 ID: 6306801612965 Option 3 ID: 6306801612966 Option 4 ID: 6306801612967

Status : **Answered** Chosen Option : **1** 

Q.7 Study the given bar graph and answer the question that follows.

The following bar graph shows the number of deaths that happened in cities 1, 2, 3 and 4 in the months mentioned.



The average number of deaths that occurred during April across all the cities (rounded off to the next integer) is:

- Ans X 1. 953
  - X 2. 965
  - X 3. 928
  - **4**. 934

Question ID: 630680387182

Option 1 ID: 6306801509425

Option 2 ID: 6306801509422

Option 3 ID: 6306801509424

Option 4 ID: 6306801509423

Status : Answered

Q.8 If a : b = c : d = e : f = 5 : 7, then what is the ratio (3a + 5c + 11e) : (3b + 5d + 11f)? Ans X 1. 11 : 7 X 2.3:7 X 3.7:11 4.5:7 Question ID: 630680524324 Option 1 ID: 6306802049448 Option 2 ID: 6306802049447 Option 3 ID : **6306802049450** Option 4 ID : 6306802049449 Status: Answered Chosen Option : 4 Q.9 Varun and Raju, working together, can complete a job in 40 hours whereas Varun alone can complete the same job in 50 hours. The number of hours required by Raju to complete the job alone is: X 1. 170 Ans X 2. 150 **3**. 200 X 4. 190 Question ID : 630680386147 Option 1 ID: 6306801505299 Option 2 ID: 6306801505298 Option 3 ID: 6306801505301 Option 4 ID: 6306801505300 Status: Answered Chosen Option: 3 Q.10 What principal would amount to ₹21,420 in 2 years at the rate of 9.5% p.a. simple interest? **X** 1. ₹16,000 **X** 2. ₹12,000 **X** 3. ₹11,273 **4**. ₹18,000 Question ID: 630680361798 Option 1 ID: 6306801408959 Option 2 ID: 6306801408960 Option 3 ID: 6306801408957 Option 4 ID: 6306801408958 Status: Answered Chosen Option: 4

Q.11 Raman fixes the sale price of his goods at 16% above the cost price. He sells his goods at 12% less than the fixed price. Find the profit percentage correct to two places of decimal.

Ans X 1. 0.08%

2. 2.08%

× 3. 1.07%

× 4. 3.01%

Question ID: 630680429029
Option 1 ID: 6306801674163
Option 2 ID: 6306801674161
Option 3 ID: 6306801674162
Option 4 ID: 6306801674160

Status : Answered

Chosen Option : 2

Q.12 If 2a - b = 3 and  $8a^3 - b^3 = 999$ , then find the value of  $4a^2 - b^2$ .

Ans X 1. 61

X 2.65

**X** 3. 67

**4**. 63

Question ID : **630680413512** Option 1 ID : **6306801612872** 

Option 1 ID : 6306801612872 Option 2 ID : 6306801612874 Option 3 ID : 6306801612875 Option 4 ID : 6306801612873

Status : Answered

Chosen Option: 4

Q.13 If the radius and height of a right circular cylinder are 21 cm and 5 cm, respectively, then the total surface area of the cylinder is (use  $\pi = \frac{22}{7}$ ):

Ans

√ 1. 3432 cm<sup>2</sup>

X 2. 5212 cm<sup>2</sup>

X 3. 3816 cm<sup>2</sup>

X 4. 4312 cm<sup>2</sup>

Question ID : 630680421517

Option 1 ID: 6306801644532 Option 2 ID: 6306801644534 Option 3 ID: 6306801644531

Option 4 ID : **6306801644533** 

Status : Answered

If 
$$p = \frac{\sin A}{1 + \cos A}$$
, then  $\frac{\sin A}{1 - \cos A}$  is equal to

✓ 2. 
$$\frac{1}{p}$$

$$\times$$
 3.  $\frac{1}{1-p}$ 

$$\times$$
 4.  $\frac{1}{p+1}$ 

Question ID : 630680397695

Option 1 ID: 6306801550737 Option 2 ID: 6306801550738 Option 3 ID: 6306801550740 Option 4 ID: 6306801550739

Status : Answered

Chosen Option: 1

Q.15 A thief takes off on his bike at a certain speed, after seeing a police car at a distance of 250 m. The police car starts chasing the thief and catches him. If the thief runs 1.5 km before being caught and the speed of the police car is 70 km/h, then what is the speed of thief's bike (in km/h)?

Ans X 1.65

X 2. 50

X 3.55

**4**. 60

Question ID: 630680428724

Option 1 ID : **6306801672943** Option 2 ID : **6306801672940** 

Option 3 ID : **6306801672941** Option 4 ID : **6306801672942** 

Status : Answered

Chosen Option : 2

Q.16 Study the below data and answer the question that follows.

Partners	Percentage of shares
Jeevan	10%
Kiran	15%
Lokesh	8%
Rasool	22%
Meera	45%

The company has issued 10 lakh shares between its five partners. If Jeevan offers to sell 20,000 of his shares to Meera, how many shares will Meera have?

**Ans** X 1. 4,60,000

**X** 2. 4,80,000

**3**. 4,70,000

**X** 4. 5,10,000

Question ID : 630680428114

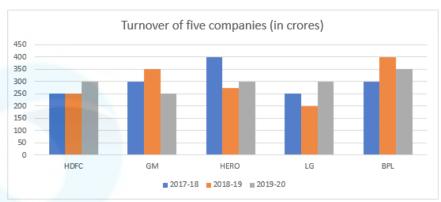
Option 1 ID: 6306801670503 Option 2 ID: 6306801670502 Option 3 ID: 6306801670501

Option 4 ID : **6306801670500** Status : **Answered** 

Q.17 The sum of two consecutive even numbers is 174. Find the smaller number. **1.86** Ans X 2.84 **X** 3. 88 **X** 4. 90 Question ID: 630680196644 Option 1 ID: 630680762877 Option 2 ID : **630680762875** Option 3 ID: 630680762878 Option 4 ID: 630680762876 Status : Answered Chosen Option : 1 Q.18 The central angle of a sector is  $80^{\circ}$  and whose length is  $96\pi$ . What is the radius of the circle? Ans X 1. 196 units 2. 216 units X 3. 204 units X 4. 116 units Question ID: 630680296207 Option 1 ID: 6306801152497 Option 2 ID: 6306801152499 Option 3 ID: 6306801152498 Option 4 ID: 6306801152496 Status : **Answered** Chosen Option : 2 Q.19 Simplify the following expression.  $(60 \div 64 \div 4 \text{ of } 4) \times \{1000 \div ((10 \text{ of } (3 + 2)) \times 2 \text{ of } 5)\} - 28 + (100 \times 3 \text{ of } 3).$ Ans **1.** 1000 X 2. 100 **X** 3. 500 **X** 4. 600 Question ID: 630680421901 Option 1 ID: 6306801646046 Option 2 ID: 6306801646047 Option 3 ID: 6306801646044 Option 4 ID: 6306801646045 Status: Answered Chosen Option: 1

 $\bigcirc$  In  $\triangle$  ABC, DE  $\parallel$  BC and 5AE = 3EC. If AB = 6.4 units, then the value of DB (in units) is: X 1. 3.2 X 2. 5 **3**. 4 X 4. 2.4 Question ID: 630680397157 Option 1 ID: 6306801548687 Option 2 ID : **6306801548685** Option 3 ID: 6306801548686 Option 4 ID: 6306801548684 Status : Answered Chosen Option: 3 Q.21 In a circle with center O, an arc ABC subtends an angle of  $138^{\,\text{O}}$  at the centre of the circle. The chord AB is produced to a point P. Then, the measure of  $\angle {
m CBP}$  is: Ans X 1.420 × 2. 111° **√** 3. 69 ° × 4.108° Question ID: 630680397660 Option 1 ID: 6306801550562 Option 2 ID: 6306801550561 Option 3 ID: 6306801550563 Option 4 ID: 6306801550564 Status : Answered Chosen Option: 2

Q.22 The given bar graph shows the turnover of five companies (in crores).



What is the difference between the average sales turnover of all the companies put together between the years 2018-2019 and 2019-2020?.

Δns

- X 1. ₹2 crore
- 2. ₹5 crore
- X 3. ₹6.5 crore
- X 4. ₹3.5 crore

Question ID : 630680428230

Option 1 ID: 6306801670964

Option 2 ID: 6306801670966

Option 3 ID : **6306801670967** Option 4 ID : **6306801670965** 

Status : Answered

Chosen Option : 2

Q.23 Suresh's expenditure and savings are in the ratio of 3 : 1. His income increases by 25%. If his savings increase by 20%, then by how much percentage does his expenditure increase?

Ans

$$\sqrt{1.26}\frac{2}{2}\%$$

$$\times$$
 2. 27 $\frac{2}{3}$ %

$$\times$$
 3. 25  $\frac{2}{3}$  %

$$\times$$
 4. 28  $\frac{2}{3}$  %

Question ID : 630680397737

Option 1 ID: 6306801550963

Option 2 ID: 6306801550964

Option 3 ID: 6306801550962

Option 4 ID : 6306801550965

Status : Answered

#### Q.24 Half litre of a solution contains 15% of alcohol. To change the alcohol concentration to 50%, find the quantity of alcohol to be mixed.

X 1. 400 ml

✓ 2. 350 ml

X 3. 175 ml

X 4. 250 ml

Question ID: 630680518837 Option 1 ID: 6306802027823 Option 2 ID: 6306802027822 Option 3 ID: 6306802027820 Option 4 ID: 6306802027821 Status : Answered

Chosen Option: 2

Q.25

In a  $\triangle$ ABC, right angled at B if tan  $C = \sqrt{3}$ , then find  $\frac{\sin^2 C + \cos^2 C}{1 + \cot^2 C}$ .

$$\times$$
 1.  $\frac{16}{3}$ 

**√** 2. 
$$\frac{3}{2}$$

$$\times$$
 3.  $\frac{3}{16}$ 

× 4. 
$$\frac{4}{1!}$$

Question ID: 630680526509

Option 1 ID: 6306802058105 Option 2 ID: 6306802058104 Option 3 ID: 6306802058102 Option 4 ID: 6306802058103

Status: Answered Chosen Option: 2

Section: English Comprehension

#### Q.1 Select the INCORRECTLY spelt word.

Ans X 1. Accessibility

X 2. Apparatus

X 3. Aptitude

4. Atrocios

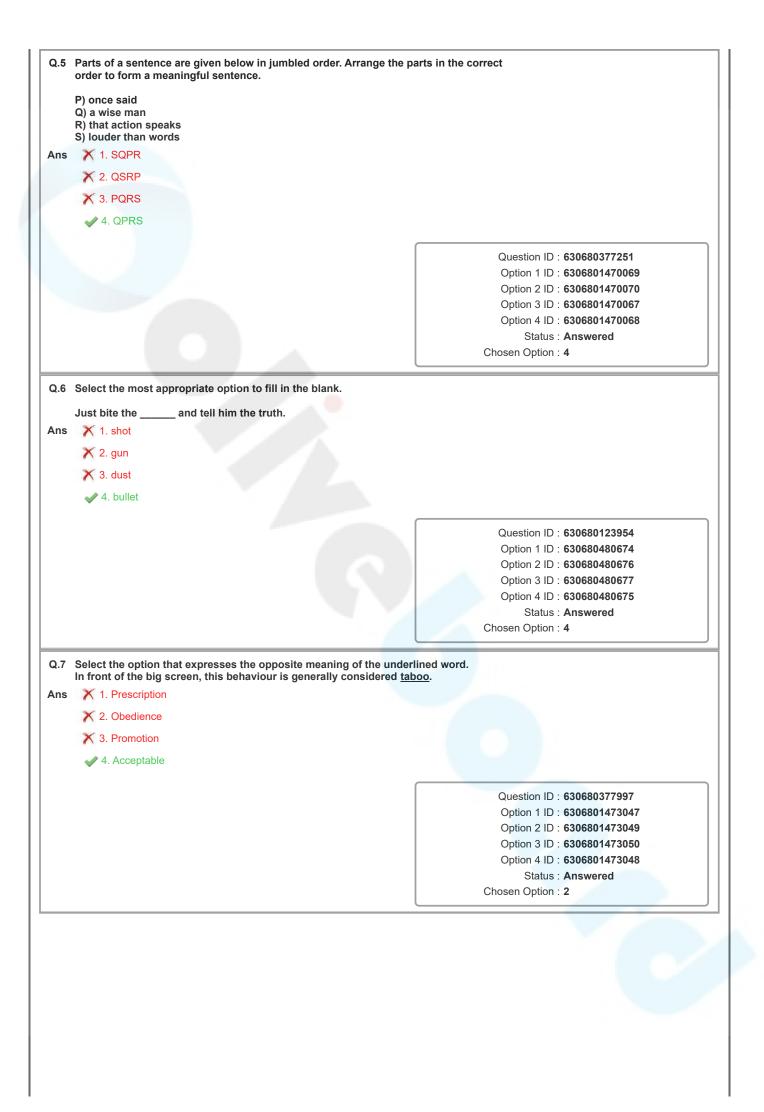
Question ID: 630680409973 Option 1 ID: 6306801598724

Option 2 ID: 6306801598722 Option 3 ID: 6306801598723

Option 4 ID: 6306801598721

Status: Answered

Q.2 Identify the error in the given sentence. My colleague always works latest than me. X 1. My colleague 2. latest X 3. than me. X 4. always works Question ID: 630680402695 Option 1 ID: 6306801570381 Option 2 ID: 6306801570383 Option 3 ID: 6306801570384 Option 4 ID: 6306801570382 Status : Answered Chosen Option: 2 Q.3 Select the option that can be used as a one-word substitute for the given group of Loud enough to be heard. X 1. Audit Ans X 2. Audacity X 3. Audacious 4. Audible Question ID: 630680414788 Option 1 ID: 6306801617898 Option 2 ID: 6306801617896 Option 3 ID: 6306801617895 Option 4 ID: 6306801617897 Status: Answered Chosen Option: 4 Q.4 Identify from the given options the word which is similar in meaning to the following word. Munificent Ans X 1. Miserly X 2. Malicious X 3. Underappreciated 4. Magnanimous Question ID: 630680360069 Option 1 ID: 6306801402222 Option 2 ID: 6306801402223 Option 3 ID: 6306801402221 Option 4 ID: 6306801402224 Status: Answered Chosen Option: 1



Q.8 Select the most appropriate option that can substitute the underlined word in the given sentence. Verity is a good virtue for human life. Ans 1. Truth X 2. Information X 3. Knowledge X 4. Cooperation Question ID: 630680161536 Option 1 ID: 630680625474 Option 2 ID: 630680625472 Option 3 ID: 630680625473 Option 4 ID: 630680625475 Status: Answered Chosen Option: 3 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence. Founding father / is / of / New Historicism / Greenbalt / considered / the. Ans X 1. Greenbelt is the founding father of New Historicism considered. 2. Greenbalt is considered the founding father of New Historicism. X 3. The founding father of New Historicism is considered Greenbalt. X 4. The founding father is considered Greenbalt of New Historicism. Question ID: 63068054130 Option 1 ID: 630680208564 Option 2 ID: 630680208563 Option 3 ID: 630680208562 Option 4 ID: 630680208565 Status: Answered Chosen Option: 2 Q.10 Select the most appropriate verb / verb phrase to fill in the blank. the championship before their star player got injured. The team Ans X 1. has won X 2. was won X 3. win 4. had won Question ID: 630680514383 Option 1 ID: 6306802010159 Option 2 ID: 6306802010157 Option 3 ID: 6306802010158 Option 4 ID: 6306802010160 Status: Answered Chosen Option: 4

Q.11 Select the correct ANTONYM of the underlined word to fill in the blank and complete the following sentence. He is always <u>active</u> in a party but \_\_\_\_\_ in the class. X 1. angry 2. inert X 3. careless X 4. naughty Question ID: 630680168029 Option 1 ID: 630680650746 Option 2 ID: 630680650745 Option 3 ID: 630680650744 Option 4 ID: 630680650747 Status: Answered Chosen Option: 2 Q.12 Select the most appropriate option that can rectify the incorrectly spelt word in the following sentence. In our quest for power, we often fail to acknowlege the existence of other people. Ans 1. acknowledge X 2. accknowledge X 3. acknowlede X 4. acknowledje Question ID: 630680360094 Option 1 ID: 6306801402322 Option 2 ID: 6306801402324 Option 3 ID: 6306801402323 Option 4 ID: 6306801402321 Status : Answered Chosen Option: 1 Q.13 Select the option that can be used as a one-word substitute for the given group of words. Money collected from people for a cause. Ans X 1. Deposit 2. Fund X 3. Collection X 4. Savings Question ID: 630680158477 Option 1 ID: 630680613433 Option 2 ID: 630680613434 Option 3 ID: 630680613435 Option 4 ID: 630680613432 Status: Answered Chosen Option: 3

Q.14 Select the most appropriate meaning of the underlined idiom. Bincy's mother kept her cards close to her chest. **Ans** 1. Kept her plans and thoughts hidden X 2. Informed that all the cards must be kept safe X 3. Kept her purse and money by herself X 4. Decided to show more affection Question ID: 630680366848 Option 1 ID: 6306801428871 Option 2 ID: 6306801428872 Option 3 ID: 6306801428869 Option 4 ID: 6306801428870 Status: Answered Chosen Option: 4 Q.15 Select the option that expresses the following sentence in active voice. The issue has been successfully resolved by the customer care team. ✓ 1. The customer care team has successfully resolved the issue. Ans X 2. The issue has successfully resolved the customer care team. X 3. The customer care team successfully resolves the issue. X 4. The customer care team successfully resolved the issue. Question ID: 630680415162 Option 1 ID: 6306801619397 Option 2 ID: 6306801619396 Option 3 ID: 6306801619398 Option 4 ID: 6306801619395 Status : Answered Chosen Option : 1 Q.16 Select the most appropriate option to fill in the blank. I like bread made up of corn \_\_\_ Ans X 1. failure X 2. floor X 4. flower Question ID: 630680129336 Option 1 ID: 630680500965 Option 2 ID: 630680500962 Option 3 ID: 630680500964 Option 4 ID: 630680500963 Status: Answered Chosen Option: 3

the correct order to form a meaningful and coherent paragraph. A.He remembered her as she once was - an eager, glowing girl. B.He had not seen her for nearly thirteen years. C.Mr. Satterthwaite went to meet her. D.And now he saw – a Frozen Lady. Ans ✓ 1. CBAD X 2. ABCD X 3. DBAC X 4. DCBA Question ID: 630680375514 Option 1 ID: 6306801463214 Option 2 ID: 6306801463211 Option 3 ID: 6306801463213 Option 4 ID: 6306801463212 Status: Answered Chosen Option: 1 Q.18 Select the option that expresses the following sentence in passive voice. Gill scored 3 centuries in Tata IPL 2023 X 1. 3 centuries had been scored by Gill in Tata IPL 2023. Ans 2. 3 centuries were scored by Gill in Tata IPL 2023. X 3. 3 centuries has been scored by Gill in Tata IPL 2023. X 4. 3 centuries were being scored by Gill in Tata IPL 2023. Question ID: 630680415244 Option 1 ID: 6306801619723 Option 2 ID: 6306801619725 Option 3 ID: 6306801619724 Option 4 ID: 6306801619726 Status: Answered Chosen Option: 2 Q.19 Select the most appropriate ANTONYM of the given word. Insert √ 1. Remove Ans X 2. Select X 3. Inject X 4. Inform Question ID : 630680517558 Option 1 ID: 6306802022629 Option 2 ID: 6306802022630 Option 3 ID: 6306802022628 Option 4 ID: 6306802022631 Status: Answered Chosen Option: 1

Q.17 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in

าร	Carcass X 1. Scrap									
-	✓ 2. Corpse									
	X 3. Prison									
	× 4. Gale									
		Out of the ID   000000445407								
		Question ID : 630680145487 Option 1 ID : 630680562923								
		Option 2 ID : <b>630680562924</b>								
		Option 3 ID : <b>630680562922</b>								
		Option 4 ID : 630680562925								
		Status : Not Answered								
		Chosen Option :								
_	Comprehension:									
	In the following passage, some words have been deleted. Read the select the most appropriate option to fill in each blank.  Social media companies (1) claim that they promote democr the empowerment of ordinary individuals. The assertion (2) expected the entry shows how (3) citizens have been mobilised a regimes on social networking sites. Starting from MeToo to Black Livnetworks (4) indispensable in bringing together critical voices political (5)	racy and are dedicated to entirely unfounded. against totalitarian ves Matter, digital								
	SubQuestion No : 21									
1	Select the most appropriate option to fill in blank no. 1.									
s										
	× 2. don't									
	X 4. seldom									
	4. Seldolli									
		Question ID : 630680154515								
		Option 1 ID : 630680597873								
		Option 2 ID : <b>630680597875</b>								
		Option 3 ID : <b>630680597872</b> Option 4 ID : <b>630680597874</b>								
		Status : Answered								
		Chosen Option : 1								
_										

	Comprehension:						
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.  Social media companies (1) claim that they promote democracy and are dedicated to the empowerment of ordinary individuals. The assertion (2) entirely unfounded.  Recent history shows how (3) citizens have been mobilised against totalitarian regimes on social networking sites. Starting from MeToo to Black Lives Matter, digital networks (4) indispensable in bringing together critical voices against social and political (5)						
	SubQuestion No : 22						
Q.22	22 Select the most appropriate option to fill in blank no. 2.						
Ans	ns X 1. cannot						
	✓ 2. may not be						
	X 3. should						
	★ 4. shall						
	, v. s. s. s.						
		Question ID : 630680154516					
		Option 1 ID : <b>630680597879</b>					
		Option 2 ID : <b>630680597878</b>					
		Option 3 ID : <b>630680597877</b>					
		Option 4 ID : <b>630680597876</b>					
		Status : <b>Answered</b>					
		Chosen Option: 2					
	Comprehension:						
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.  Social media companies (1) claim that they promote democracy and are dedicated to the empowerment of ordinary individuals. The assertion (2) entirely unfounded.  Recent history shows how (3) citizens have been mobilised against totalitarian regimes on social networking sites. Starting from MeToo to Black Lives Matter, digital networks (4) indispensable in bringing together critical voices against social and political (5)						
	SubQuestion No : 23						
Q.23	Select the most appropriate option to fill in blank no. 3.						
Ans	X 1. neutral						
	X 2. alien						
	X 3. foreign						
	✓ 4. common						
		Question ID : 630680154517					
		Option 1 ID : 630680597881					

Question ID : 630680154517 Option 1 ID : 630680597881 Option 2 ID : 630680597882 Option 3 ID : 630680597883 Option 4 ID : 630680597880 Status : Answered

	Comprehension:					
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.  Social media companies (1) claim that they promote democracy and are dedicated to the empowerment of ordinary individuals. The assertion (2) entirely unfounded. Recent history shows how (3) citizens have been mobilised against totalitarian regimes on social networking sites. Starting from MeToo to Black Lives Matter, digital networks (4) indispensable in bringing together critical voices against social and political (5)  SubQuestion No: 24					
Q.24	4 Select the most appropriate option to fill in blank no. 4.					
Ans	Ans X 1. can					
	× 2. were					
	X 3. that					
	√ 4. have been					
		Question ID: 630680154518				
		Option 1 ID : <b>630680597886</b>				
		Option 2 ID : <b>630680597887</b>				
		Option 3 ID : 630680597884				
		Option 4 ID : <b>630680597885</b>				
		Status : Answered				
		Chosen Option : 3				
	Comprehension:					
	In the following passage, some words have been deleted. Read th select the most appropriate option to fill in each blank. Social media companies (1) claim that they promote demonthe empowerment of ordinary individuals. The assertion (2) Recent history shows how (3) citizens have been mobilised regimes on social networking sites. Starting from MeToo to Black L networks (4) indispensable in bringing together critical voic political (5)	cracy and are dedicated to entirely unfounded. I against totalitarian ives Matter, digital				
	SubQuestion No : 25					
Q.25	5 Select the most appropriate option to fill in blank no. 5.					
Ans	1. democracy					
	× 2. election					
	X 3. justice					
	✓ 4. injustice					
		Question ID : 630680154519				

Question ID : 630680154519
Option 1 ID : 630680597890
Option 2 ID : 630680597891
Option 3 ID : 630680597888
Option 4 ID : 630680597889
Status : Answered