Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	25/09/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 Select the term from among the given options that can replace the question mark (?) in the given series.

HM71, JP68, LS65, NV62, ?

Ans X 1. RX59

X 2. QY57

√ 3. PY59

X 4. QX58

Question ID: 630680416273 Option 1 ID: 6306801623855 Option 2 ID: 6306801623856 Option 3 ID: 6306801623857

Option 4 ID: 6306801623858 Status: Answered

Chosen Option: 3

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(24, 15, 120) (21, 19, 133)

(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.)

Ans X 1. (31, 9, 96)

X 2. (18, 16, 99)

3. (27, 12, 108)

X 4. (33, 10, 170)

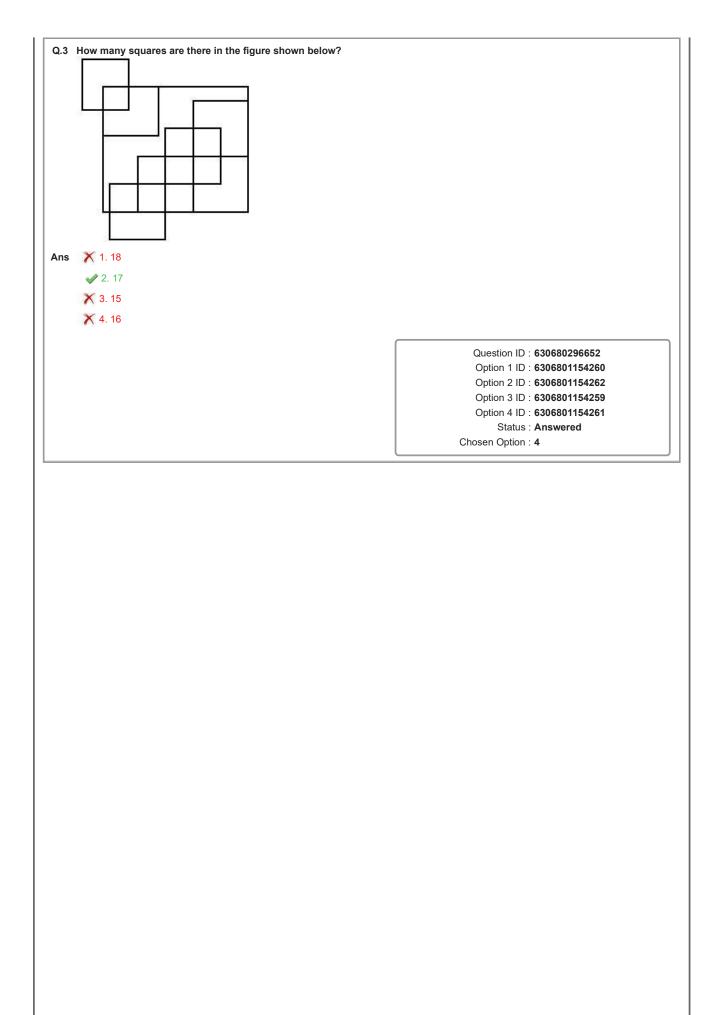
Question ID: 630680329212

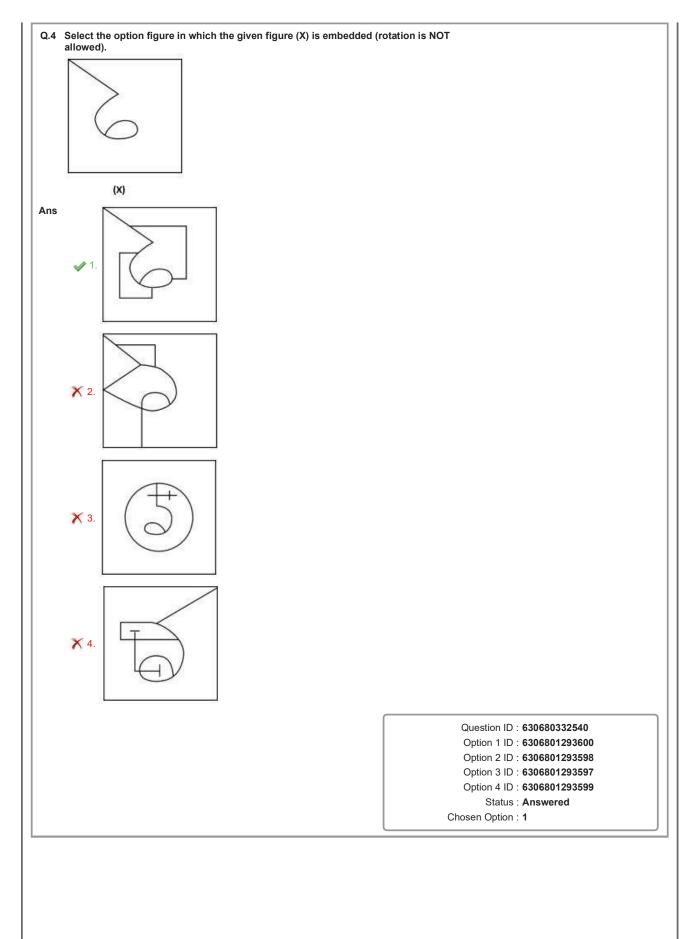
Option 1 ID: 6306801280671

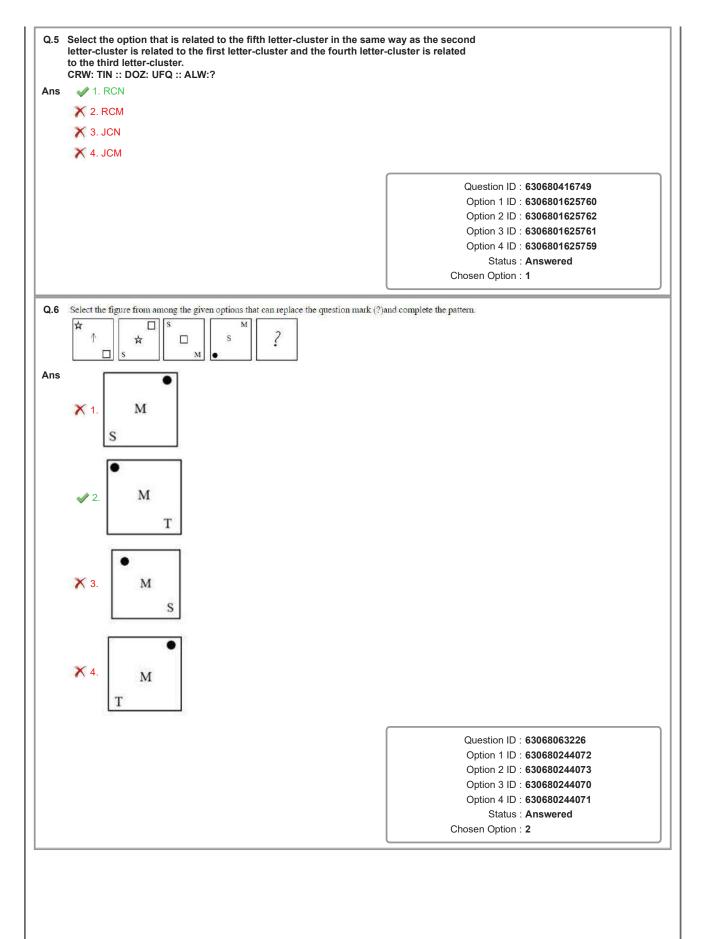
Option 2 ID: 6306801280672

Option 3 ID: 6306801280670 Option 4 ID: 6306801280669

Status: Not Answered







Q.7 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

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

Ans X 1. SQPN

X 2. YWVT

X 3. NLKI

4. WVTS

Question ID: 63068082918 Option 1 ID: 630680321532 Option 2 ID: 630680321533 Option 3 ID: 630680321534 Option 4 ID: 630680321535

Status : Answered

Chosen Option: 4

Q.8 In a certain code language, 'EAGLE' is written as 'DZFKD' and 'DREAM' is written as 'CQDZL'. How will 'SINCE' be written in that language?

Ans X 1. THMDF

2. RHMBD

X 3. RJOBD

X 4. TJODF

Question ID: 630680172760 Option 1 ID: 630680669440 Option 2 ID: 630680669443 Option 3 ID: 630680669441

Option 4 ID : **630680669442**Status : **Answered**

Chosen Option : 2

Q.9 Select the correct combination of mathematical signs to sequentially place from left to right in the blanks below to balance the given equation.

75_3_17_8 = 0

X 2. x, +, -

X 3. -, -, ×

X 4. -, -, +

Question ID : 630680411779

Option 1 ID: 6306801605954

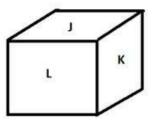
Option 2 ID : 6306801605951

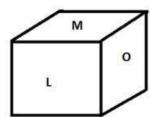
Option 3 ID : 6306801605952

Option 4 ID: 6306801605953

Status : Answered

Q.10 Six letters J, K, L, M, N and O are written on different faces of a dice. Two positions of this dice are shown in the figure below. Find the letter on the face opposite to N.





Ans 💢 1. J

🥠 2. L

X 3. M

X 4. K

Question ID: 630680194489

Option 1 ID : **630680754490** Option 2 ID : **630680754489**

Option 3 ID : 630680754491

Option 4 ID : **630680754492**Status : **Answered**

Chosen Option: 2

Q.11 All the six members of a family, 1, 2, 3, 4, 5 and 6, live together. 2 is the daughter of 3, but 3 is not the mother of 2. 1 and 3 are a married couple. 5 is the sister of 3. 4 is the daughter of 1. 6 is the brother of 2. Who is the mother of 2?

Ans X 1.2

2. 1

X 3.4

X 4.5

Question ID : 630680280750

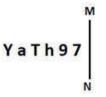
Option 1 ID : 6306801091236

Option 2 ID : 6306801091238

Option 3 ID : **6306801091237** Option 4 ID : **6306801091235**

Status : Answered

Q.12 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Yalh97.1X and

XaTh97.5×

YaTh97.8♥

YaTP97.4X

Question ID: 630680356661 Option 1 ID: 6306801388646 Option 2 ID: 6306801388645 Option 3 ID: 6306801388647 Option 4 ID: 6306801388648

Status : Answered

Chosen Option: 3

Q.13 The question contains pairs of words that are related to each other in a certain way. Three of the following four word pairs are alike as these have the same relationship and thus form a group. Which word pair is the one that DOES NOT belong to that group?

(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 🧳 1. Shoes – feet

X 2. Book - pages

X 3. Flowers – petals

X 4. Spectacles – lens

Question ID: 630680798753 Option 1 ID: 6306803129866 Option 2 ID: 6306803129864 Option 3 ID: 6306803129867

Option 4 ID : **6306803129865** Status : **Answered**

S	Δ	Ν	0	4	2	N	Р	4	2	S	Δ	
	Р			Δ			0			P		?
2	4	0	N	Р	S	Δ	S	2	4	0	N	
	4	2	2	N								
X 1	I	1	7									
	0	5	3	Р								
	4	()	2								
X	2.	5	6									
	N	F)	Δ								
	Δ	2	2	S								
X	3.	4	1									
	0	1	١	Р								
	4	()	S								
4	4.	2	2									
	Р	1	١	Δ								
												Question ID: 6306802835; Option 1 ID: 6306801102; Option 2 ID: 6306801102; Option 3 ID: 6306801102; Option 4 ID: 6306801102; Status: Answered Chosen Option: 4
(?) in 35, 46 X 1	t the n the fo 5, 68, 1 1. 212 2. 200 3. 214 4. 210	llowi	ng se	eries.	ng the	e give	n opti	ons ti	hat ca	an repl	ace th	e question mark
												Question ID : 63068041190 Option 1 ID : 63068016060 Option 2 ID : 63068016060 Option 3 ID : 63068016060 Option 4 ID : 63068016060 Status : Answered Chosen Option : 2

Q.16 Select the option that represents the letters that when sequentially placed from left to right in the blanks below will complete the letter series.

 $Z_A_Z_ZA_Z_$

Ans 🚀 1. ZZAZZA

X 2. AZAZAZ

X 3. ZZZAAA

X 4. AZZAZZ

Question ID: 630680262377

Option 1 ID: 6306801019150

Option 2 ID : 6306801019148

Option 3 ID: 6306801019149

Option 4 ID: 6306801019147

Status: Answered

Chosen Option : 1

Q.17 The position of how many letters will change if each of the letters in the word 'CORNFLAKES' is re-arranged in the English alphabetical order from left to right?

Ans

🥓 1. Eight

X 2. Seven

X 3. Nine

X 4. Ten

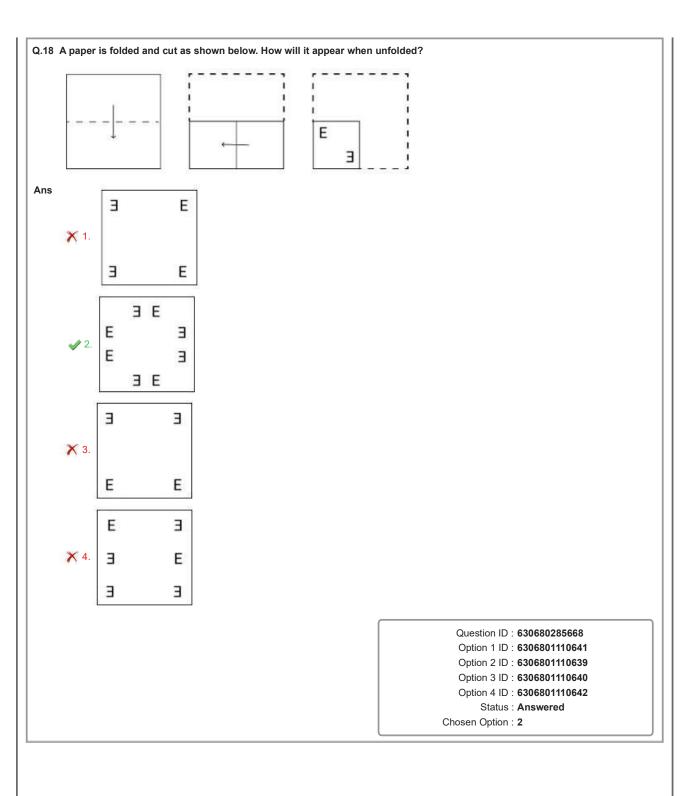
Question ID: 630680106898

Option 1 ID: 630680415166

Option 2 ID: 630680415167

Option 3 ID: 630680415165 Option 4 ID: 630680415164

Status: Answered



Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some vegetables are fruits. Some fruits are flowers. All flowers are garlands.

Conclusions:

- I. Some garlands are fruits.
- II. Some vegetables are flowers.
- III. Some vegetables are garlands.

Ans X 1. Only conclusions I and III follow

X 2. Only conclusions II and III follow

X 3. Only conclusions I and II follow

4. Only conclusion I follows

Question ID: 630680416209 Option 1 ID: 6306801623600 Option 2 ID: 6306801623602 Option 3 ID: 6306801623599 Option 4 ID: 6306801623601 Status: Answered

Chosen Option: 4

Q.20 In a certain code language, 'EXCESS' is written as '726572121', 'ENERGY' is written as '716720927', how will 'ESCAPE' be written in that language?

Ans

1. 72153187

X 2. 72153165

X 3. 72151167

X 4. 71933187

Question ID: 630680416123 Option 1 ID: 6306801623256 Option 2 ID: 6306801623257 Option 3 ID: 6306801623258 Option 4 ID: 6306801623255

Status: Answered Chosen Option: 1

Q.21 Which letter-cluster will replace the question mark (?) to complete the given series? CQJG, ERMJ, ?, ITSP, KUVS

Ans X 1. GSQM

X 2. GRPM

3. GTPM

4. GSPM

Question ID: 630680416920

Option 1 ID: 6306801626445 Option 2 ID: 6306801626446

Option 3 ID: 6306801626444

Option 4 ID: 6306801626443

Status: Answered

if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $27 \times 3 + 4 \div 2 - 7 = ?$ Ans X 1. 10 X 2.9 **4**.8 Question ID: 630680328465 Option 1 ID: 6306801277830 Option 2 ID: 6306801277832 Option 3 ID: 6306801277831 Option 4 ID: 6306801277829 Status: Answered Chosen Option: 4 Q.23 11 is related to 121 following a certain logic. Following the same logic, 22 is related to 484. To which of the following is 31 related, following the same logic? (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) Ans X 1. 943 2. 961 X 3.957 X 4.973 Question ID: 630680344656 Option 1 ID: 6306801340935 Option 2 ID: 6306801340933 Option 3 ID: 6306801340934 Option 4 ID: 6306801340936 Status: Answered Chosen Option: 2 Q.24 The same operation(s) are followed in all the given 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 1. 22 : 45 Ans X 2.7:15 3. 11 : 121 X 4.5:11 Question ID: 630680412039 Option 1 ID: 6306801606993 Option 2 ID: 6306801606991 Option 3 ID: 6306801606992 Option 4 ID: 6306801606994 Status: Answered Chosen Option: 3

Q.22 Which number will come in the place of the question mark (?) in the following equation

Q.25 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

4:68::8:136::9:?

(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.)

Ans X 1. 147

X 2. 149

3. 153

X 4. 152

Question ID: 630680312536 Option 1 ID: 6306801216025 Option 2 ID: 6306801216026 Option 3 ID: 6306801216028 Option 4 ID: 6306801216027 Status: Answered

Otatas : Aliswo

Chosen Option: 3

Section: General Awareness

Q.1 Match the points under Column A with those under Column B.

Column A (Disease) Column B (Organism Responsible)

i. Malaria a. Vibrio

ii. Diarrhoea b. Salmonella

iii. Typhoid c. Rotavirus iv. Cholera d. Plasmodium

Ans X 1. i-a, ii-c, iii-b, iv-d

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

√ 3. i-d, ii-c, iii-b, iv-a

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

Question ID: 630680199657 Option 1 ID: 630680774236 Option 2 ID: 630680774235 Option 3 ID: 630680774238

Option 4 ID : **630680774237** Status : **Answered**

Chosen Option: 3

Q.2 The record obtained by the measurement of earthquake is called a:

Ans X 1. seismic wave

X 2. seismograph

X 3. seismology

4. seismogram

Question ID : **63068098917** Option 1 ID : **630680384373** Option 2 ID : **630680384375**

Option 3 ID : **630680384372** Option 4 ID : **630680384374**

Status : Answered

Q.3 Ghiyas ud-din Balban had set up a ______ department called 'Diwan-i-arz'. Ans X 1. agriculture X 2. education X 3. commerce 4. military Question ID: 630680412429 Option 1 ID: 6306801608541 Option 2 ID: 6306801608539 Option 3 ID: 6306801608540 Option 4 ID: 6306801608542 Status: Not Answered Chosen Option: --Q.4 In chess which of the following may move only diagonally? X 1. The Queen X 2. The Knight X 3. The Rook 4. The Bishop Question ID: 630680510775 Option 1 ID: 6306801996232 Option 2 ID: 6306801996233 Option 3 ID: 6306801996231 Option 4 ID: 6306801996230 Status: Not Answered Chosen Option: --Q.5 Which of the following is associated with the retreating monsoon in India? Ans X 1. Loo X 2. Mahawat 3. October heat \chi 4. Kaal Baisakhi Question ID: 630680309095 Option 1 ID: 6306801202559 Option 2 ID: 6306801202558 Option 3 ID: 6306801202557 Option 4 ID: 6306801202560 Status: Not Answered Chosen Option: --Q.6 Which famous santoor player was honoured with the Ustad Hafiz Ali Khan Award in 1998? Ans X 1. Tarun Bhattacharya X 2. Abhay Sopori X 3. Satish Vyas 4. Shivkumar Sharma Question ID: 630680511805 Option 1 ID: 6306802000192 Option 2 ID: 6306802000190 Option 3 ID: 6306802000193 Option 4 ID: 6306802000191 Status: Not Answered Chosen Option: --

Q.7 The Atal Innovation Mission was launched in year _ X 1. 2014 2. 2016 X 3. 2021 X 4. 2004 Question ID: 630680195341 Option 1 ID: 630680757836 Option 2 ID: 630680757834 Option 3 ID: 630680757833 Option 4 ID: 630680757835 Status: Not Answered Chosen Option: --Q.8 In 2022, Vinay Mohan Kwatra took charge as the Foreign Secretary of India. Prior to this, he served as the ambassador to which of the following countries? Ans 1. Nepal X 2. Maldives X 3. Bhutan X 4. Sri Lanka Question ID: 630680195361 Option 1 ID: 630680757914 Option 2 ID: 630680757916 Option 3 ID: 630680757913 Option 4 ID: 630680757915 Status: Not Answered Chosen Option: --Q.9 Alla Rakha is famous for playing which of the following musical instruments? X 1. Shehnai X 2. Bansuri 3. Tabla X 4. Damaru Question ID: 630680410183 Option 1 ID: 6306801599555 Option 2 ID: 6306801599553 Option 3 ID: 6306801599554 Option 4 ID: 6306801599556 Status: Answered Chosen Option: 3 Q.10 Who suggested the law that the British Government passed in 1856 to support widow remarriage? Ans X 1. Keshub Chandra Sen 2. Ishwar Chandra Vidyasagar X 3. Atmaram Pandurang X 4. Raja Ram Mohan Roy Question ID: 630680511536 Option 1 ID: 6306801999266 Option 2 ID: 6306801999268 Option 3 ID: 6306801999269 Option 4 ID: 6306801999267 Status: Answered Chosen Option: 2

Q.11 Ishwari Prasad is credited to have introduced the	Gharana of Kathak.
Ans X 1. Raigarh	
X 2. Jaipur	
X 3. Banaras	
4. Lucknow	
	Question ID : 630680405008
	Option 1 ID : 6306801579466 Option 2 ID : 6306801579465
	Option 3 ID : 6306801579464
	Option 4 ID : 6306801579463
	Status : Not Answered
	Chosen Option :
Q.12 Pulakeshin II assumed the title of 'Dakshinapatheshvara' defeating which of the following rulers of north India?	(lord of the south) after
Ans 🚀 1. Harshavardhana	
X 2. Rudrasena II	
X 3. Dhruvasena II	
X 4. Prabhakarvardhana	
	Question ID : 630680412522
	Option 1 ID : 6306801608912 Option 2 ID : 6306801608911
	Option 3 ID : 6306801608914
	Option 4 ID : 6306801608913
	Status : Answered
	Chosen Option : 1
Q.13 Makar Sankranti is the festival dedicated to which of the Ans X 1. Indra	following Lords?
√ 2. Surya	
🗙 3. Chandra	
X 4. Ganesha	
	Question ID : 630680216082
	Option 1 ID : 630680838305
	Option 2 ID : 630680838303 Option 3 ID : 630680838304
	Option 4 ID : 630680838306
	Status : Answered
	Chosen Option : 2
Q.14 When did a States Reorganisation Commission was set creation of linguistic States on the basis of larger linguistic	
Ans 🚀 1. December 1953	
X 2. December 1963	
X 3. December 1958	
X 4. December 1956	
	Outsetion ID : 620000400400
	Question ID : 630680408188 Option 1 ID : 6306801591647
	1 12 13 13 13 13 13 13 13 13 13 13 13 13 13
	Option 2 ID : 6306801591650
	Option 3 ID : 6306801591649
	· ·

Q.15 According to Census of India 2011, female adolescents in the age group of 10-19 years had a share of: Ans X 1. 52.7% X 2. 20.9% **3**. 47.3% X 4. 31.3% Question ID: 630680409649 Option 1 ID: 6306801597426 Option 2 ID: 6306801597425 Option 3 ID: 6306801597427 Option 4 ID: 6306801597428 Status: Not Answered Chosen Option: --Q.16 Which part of the Indian Constitution deals with the Election Commission? Ans X 1. Part XII 2. Part XV X 3. Part IV X 4. Part XI Question ID: 630680413120 Option 1 ID: 6306801611306 Option 2 ID: 6306801611303 Option 3 ID: 6306801611304 Option 4 ID: 6306801611305 Status: Not Answered Chosen Option: --Q.17 Which of the following is an example of an eastern coast port? Ans X 1. Mumbai Port X 2. Mormugao Port 3. New Mangalore Port 4. Chennai Port Question ID: 630680327617 Option 1 ID: 6306801274465 Option 2 ID: 6306801274468 Option 3 ID: 6306801274466 Option 4 ID: 6306801274467 Status: Answered Chosen Option: 4 Q.18 In 1910, The United India House at Seattle, USA, was set up by _ √ 1. Tarak Nath Das and GD Kumar \chi 2. Shyamji Krishna Varma X 3. VD Savarkar and Ganesh X 4. Khudiram Bose and Prafulla Chaki Question ID: 630680412318 Option 1 ID: 6306801608096 Option 2 ID: 6306801608095 Option 3 ID: 6306801608098 Option 4 ID: 6306801608097

Status: Not Answered

Q.19 An organic reaction used to convert an aryl diazonium salt into an aryl halide using a copper(I) halide catalyst is called: Ans √ 1. Sandmeyer reaction X 2. Balz-Schiemann reaction X 3. Finkelstein reaction X 4. Gattermann reaction Question ID: 63068051559 Option 1 ID: 630680198473 Option 2 ID: 630680198471 Option 3 ID: 630680198472 Option 4 ID: 630680198470 Status: Not Answered Chosen Option: --Q.20 Which Article of the Indian Constitution provides for protecting and improving the environment and safeguarding forests and wildlife? 1. Article 48-A Ans X 2. Article 47-A X 3. Article 47-B X 4. Article 49-C Question ID: 630680305538 Option 1 ID: 6306801188527 Option 2 ID: 6306801188525 Option 3 ID: 6306801188526 Option 4 ID: 6306801188528 Status: Not Answered Chosen Option: --Q.21 NDP = ___ Ans X 1. GDP + Net factor income from abroad X 2. GDP - Net factor income from abroad X 4. GDP + Depreciation Question ID: 63068068742 Option 1 ID: 630680265661 Option 2 ID: 630680265660 Option 3 ID: 630680265658 Option 4 ID: 630680265659 Status: Not Answered Chosen Option: --Q.22 What is the primary objective of the Micro, Small, and Medium Enterprises Development (MSMED) Act of 2006 in India? Ans X 1. To increase import tariffs to protect MSMEs 2. To focus on large-scale industries only X 3. To regulate foreign companies 4. To promote and facilitate the development of MSMEs

Question ID: 630680411086
Option 1 ID: 6306801603098
Option 2 ID: 6306801603099
Option 3 ID: 6306801603096
Option 4 ID: 6306801603097
Status: Not Answered

X 3. Calcutta X 4. Delhi Question ID: 630680510819 Option 1 ID: 6306801996407 Option 2 ID: 6306801996409 Option 3 ID: 6306801996408 Option 4 ID: 6306801996406 Status: Answered Chosen Option : 1 Q.24 Which essential amino acid enhances calcium absorption and also plays an important role in the formation of collagen? Ans X 1. Tyrosine X 2. Histidine 3. Lysine X 4. Arginine Question ID: 630680407467 Option 1 ID: 6306801588809 Option 2 ID: 6306801588807 Option 3 ID: 6306801588808 Option 4 ID: 6306801588806 Status: Not Answered Chosen Option: --Q.25 According to Mendeleev's Periodic Table, which elements' properties matched up remarkably well with eka-silicon? X 1. Scandium Ans X 2. Gallium X 3. Titanium 4. Germanium

Q.23 Where was the Durand Cup Tournament started in India in 1888?

1. Shimla

X 2. Mumbai

Ans

Question ID: 630680113553
Option 1 ID: 630680439748
Option 2 ID: 630680439747
Option 3 ID: 630680439749
Option 4 ID: 630680439746
Status: Not Answered

Chosen Option: --

Section : Quantitative Aptitude

Q.1 Find the value of $(\csc \theta - \sin \theta)(\sec \theta - \cos \theta)(\tan \theta + \cot \theta)$.

Ans

 $\frac{1}{2}$ 1. $\frac{1}{2}$

X 2. (

X 3. −1

4. 1

Question ID: 630680285633

Option 1 ID : **6306801110502** Option 2 ID : **6306801110500**

Option 3 ID : **6306801110499** Option 4 ID : **6306801110501**

Status: Answered

Chosen Option: 4

Q.2 The salaries of P and Q together amount to ₹9,60,000. P and Q save 64% and 44%, respectively of their individual salaries. If P's expenditure is 1.5 times Q's expenditure, then what is the ratio of P's salary to Q's salary?

Ans X 1.2:3

X 2.3:2

X 3.3:7

4.7:3

Question ID: 630680395405

Option 1 ID: 6306801541801 Option 2 ID: 6306801541800 Option 3 ID: 6306801541802 Option 4 ID: 6306801541803

Status: Not Answered

Chosen Option: --

Q.3 Study the given table and answer the question that follows.
The given table shows the production of three types of cars (A, B and C) manufactured (in thousands) by an automobile company over the years.

Year	A	В	C
2015	840	680	890
2016	900	750	960
2017	760	620	1000
2018	800	540	1200

The total number of A-type cars produced by the company from 2015 to 2017 is what percentage (rounded off to the nearest integer) is more or less than the total number of C-type cars produced by the company from 2016 to 2018?

Ans X 1. More, 21%

X 2. More, 24%

X 3. Less,24%

√ 4. Less, 21%

Question ID: 630680523746

Option 1 ID : **6306802047137** Option 2 ID : **6306802047135** Option 3 ID : **6306802047136**

Option 4 ID : **6306802047138**Status : **Not Answered**

Evaluate
$$2 \frac{\tan 54^{\circ}}{\cot 36^{\circ}} - \frac{\cot 41^{\circ}}{\tan 49^{\circ}}$$

Ans X 1. ()

X 2. -1

√ 3. **1**

X 4.2

Question ID: 630680403309 Option 1 ID: 6306801572734

Option 2 ID: 6306801572737 Option 3 ID: 6306801572735 Option 4 ID: 6306801572736

Status: Answered

Chosen Option: 3

Q.5 Study the given table and answer the question. The table displays the number of cars produced (in lakhs) by six different brands between 2018 and 2023.

Type	2018	2019	2000	2021	2022	2023
A	36	40	42	45	47	42
В	23	37	28	32	34	26
С	45	47	51	54	56	48
D	35	37	42	32	36	28
Е	57	56	52	38	48	42
F	43	45	56	41	52	40

Find the difference in the average production of B and D during 2018-2023.

Ans X 1. 5.5 lakhs

X 2. 6 lakhs

X 4. 4 lakhs

Question ID: 630680459225

Option 1 ID: 6306801793760

Option 2 ID: 6306801793757

Option 3 ID: 6306801793759

Option 4 ID: 6306801793758 Status: Answered

Chosen Option: 3

9 ÷
$$\left[1 + \left\{4 \times \left(\frac{5}{6} - \frac{1}{3} + \frac{1}{2}\right)\right\}\right]$$
 is equal to:

× 2. 1

Question ID: 630680426552

Option 1 ID: 6306801664300

Option 2 ID: 6306801664299

Option 3 ID: 6306801664301

Option 4 ID: 6306801664298

Status: Answered

Q.7 The following table shows the number of pages printed by 3 printers (P, Q and R) for 3 days.

Day	P	Q	R
Monday	100	130	200
Tuesday	120	145	160
Wednesday	180	85	120

What is the ratio of the total number of pages printed by printer P over the course of three days to the total number of pages printed by printer Q during the same three days?

Ans X 1. 11 : 10

2. 10 : 9

X 3. 10 : 11

X 4.9:10

Question ID: 630680523691

Option 1 ID: 6306802046918

Option 2 ID: 6306802046915

Option 3 ID : 6306802046917

Option 4 ID : 6306802046916

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

Q.8 Ramesh purchased 130 books at the rate of ₹200 each and sold half of them at the rate of ₹300 each, one-fifth of them at the rate of ₹350 each and the rest at the cost price. Find his profit percentage.

Ans X 1. 44%

2. 40%

× 3. 35%

× 4. 38%

Question ID: 630680429027

Option 1 ID: 6306801674155

Option 2 ID : 6306801674154

Option 3 ID : 6306801674152

Option 4 ID : 6306801674153

Status: Not Answered

Q.9 The centres of two circles are 36 cm apart. If the radii of these two circles are 15 cm and 9 cm, respectively, then what is the sum of the lengths (in cm) of a direct common tangent and a transverse common tangent of these two circles?

Ans

$$\times$$
 1. $6\sqrt{7}(\sqrt{7}+2)$

$$\times$$
 2. $6\sqrt{5}(\sqrt{5}+2)$

$$\times$$
 3. $6\sqrt{7}(\sqrt{5}+2)$

$$\checkmark$$
 4. $6\sqrt{5}(\sqrt{7}+2)$

Question ID: 630680196685 Option 1 ID: 630680763039 Option 2 ID: 630680763041 Option 3 ID: 630680763040 Option 4 ID: 630680763042 Status: Not Answered

Chosen Option : --

Q.10 The side BC of \triangle ABC is produced to a point D. If AC = BC and \angle BAC = 70°, then find the value of \angle ACD - \angle ABC.

Ans X 1.60°

√ 2. 70°

X 3.45°

X 4.75°

Question ID: 630680383150 Option 1 ID: 6306801493508 Option 2 ID: 6306801493509 Option 3 ID: 6306801493507 Option 4 ID: 6306801493510 Status: Not Answered

Chosen Option : --

Q.11 Rohini buys a Bluetooth headphone set for ₹1,700 from a wholesale shop and marks it at ₹2,000. Later on, she allows a discount of 40% on its sale. What is her loss or gain percentage (correct up to two decimal places)?

Ans X 1. 29.41% gain

X 2. 25.19% loss

X 3. 25.19% gain

√ 4. 29.41% loss

Question ID: 630680216677 Option 1 ID: 630680840671 Option 2 ID: 630680840674 Option 3 ID: 630680840673 Option 4 ID: 630680840672

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

Q.12	It is always possible to draw a circle passing through nor	n-collinear points in a
•	plane.	
Ans	√ 1. 3	
	× 2. 6	
	X 3. 5	
	X 4.4	
		Question ID : 630680297301
		Option 1 ID : 6306801156671 Option 2 ID : 6306801156674
		Option 3 ID : 6306801156673
		Option 4 ID : 6306801156672
		Status : Answered
		Chosen Option : 1
Q.13	The simple interest on a sum for 6 years is three-fifth of the sum. per annum is:	The rate of interest
Ans	× 1.3%	
	X 2.7%	
	√ 3. 10%	
	× 4.5%	
		Question ID : 630680344606
		Option 1 ID : 6306801340734
		Option 2 ID : 6306801340735
		Option 3 ID : 6306801340736
		Option 4 ID : 6306801340733 Status : Answered
		Chosen Option : 3
Q.14	The average of the squares of the first 48 natural numbers is	
Ans	✓ 1. 792.17	
	X 2.793.17	
	X 3. 794.17	
	X 4. 791.17	
		Question ID: 630680568975
		Option 1 ID : 6306802224709
		Option 2 ID : 6306802224710 Option 3 ID : 6306802224712
		Option 4 ID : 6306802224711
		Status : Not Answered
		Chosen Option :
Q.15	Nihira is 25 years old and Punith is 30 years old. How many years	s ago was the ratio of
Ans	their ages 3 : 4? 1. 10 years	
	X 2. 15 years	
	X 3.5 years	
	X 4. 20 years	
		Question ID : 630680426563
		Question ID : 630680426563 Option 1 ID : 6306801664343
		Option 2 ID : 6306801664344
		Option 3 ID : 6306801664342
		Option 4 ID : 6306801664345
		Status : Not Answered
		Chosen Option:

Q.16 Which of the following fractions is the largest?

3	7	41	29
7'	53′	80'	79

Ans

× 1.
$$\frac{7}{53}$$

$$\times$$
 2. $\frac{29}{79}$

Question ID : 630680797477

Option 1 ID: 6306803124866 Option 2 ID: 6306803124867 Option 3 ID: 6306803124864 Option 4 ID: 6306803124865

Status: Not Answered

Chosen Option: --

Q.17 An inlet pipe can fill a water storage tank in 11 hours and an outlet pipe can empty the completely filled tank in 15 hours .lf both pipes opened simultaneously. The time taken to fill the empty tank (in hrs) is :

Ans X 1.40

✓ 2. 41
$$\frac{1}{4}$$

$$\frac{3}{4}$$
 3. 49 $\frac{3}{4}$

Question ID: 630680397516

Option 1 ID : **6306801549982** Option 2 ID : **6306801549983**

Option 3 ID : **6306801549985**

Option 4 ID : 6306801549984

Status : Answered

Q.18 If $x^2 + 7x + 8 = 0$, then find the value of $\frac{4x}{x^2 - 5x + 8}$.

Ans

$$\sqrt{1}$$
 1. $\frac{-1}{3}$

- \times 2. $\frac{1}{6}$
- \times 3. $\frac{1}{2}$
- \times 4. $\frac{-1}{4}$

Question ID : 630680413534 Option 1 ID : 6306801612961 Option 2 ID : 6306801612963 Option 3 ID : 6306801612960 Option 4 ID : 6306801612962 Status : Not Answered

Chosen Option : --

Q.19 If $a^3 + \frac{1}{a^3} = 2$ (a > 0), then the value of $a + \frac{1}{a}$ is:

Ans 🗳 1. 2

- X 2.4
- **X** 3. 1
- **X** 4. 3

Question ID: 630680413527 Option 1 ID: 6306801612933 Option 2 ID: 6306801612935 Option 3 ID: 6306801612932

Option 4 ID : **6306801612934**Status : **Not Answered**

Chosen Option : --

Q.20 Suppose P starts walking at a speed of 8 km/h. After 8 hours B started travelling on a bicycle at a speed of 24 km/h. The distance from the starting B can catch A is:

Ans X 1.88 km

- 2. 96 km
- X 3. 72 km
- X 4. 64 km

Question ID: 630680135792

Option 1 ID : **630680525887** Option 2 ID : **630680525888**

Option 3 ID : **630680525889**

Option 4 ID : **630680525886** Status : **Not Answered**

Q.21 Find the values of 'a' and 'b' for which the system of equations 3x+y=3 and (a-b)x+ (a+b)y=3a+b-3 has infinite solutions.

Ans

$$\times$$
 1. $a = -\frac{3}{2}$, $b = 2$

$$\times$$
 2. $a = 2, b = -\frac{3}{2}$

$$\times$$
 3. $a = 3, b = -\frac{2}{3}$

$$\checkmark$$
 4. $a = 3, b = -\frac{3}{2}$

Question ID: 630680200492

Option 1 ID : **630680777324** Option 2 ID : **630680777326**

Option 3 ID : **630680777323** Option 4 ID : **630680777325**

Status: Not Answered

Chosen Option: --

Q.22

The circumference of the base of the cylindrical vessel is 154 cm and its height is 49 mm. How many litres of water can it hold? (correct to three places of decimals,

use
$$\pi = \frac{22}{7}$$
)

Ans X 1. 2.439

2. 9.244

X 3. 4.329

X 4. 3.924

Question ID: 630680421486

Option 1 ID: 6306801644407 Option 2 ID: 6306801644408

Option 3 ID: 6306801644409

Option 4 ID : 6306801644410

Status: Not Answered

Chosen Option : --

Q.23 If the lengths of two sides of an isosceles triangle are 6 cm and 12 cm, then find the length of the third side.

Ans X 1.8 cm

🥒 2. 12 cm

X 3. 14 cm

X 4.6 cm

Question ID : 630680200536

Option 1 ID : 630680777501

Option 2 ID: 630680777500

Option 3 ID: 630680777502

Option 4 ID: 630680777499

Status: Not Answered

QIf m + 5 = $\sec^2 A \csc^2 A (1 - \cos^2 A)(1 - \sin^2 A) + 5$, then find the value of m:

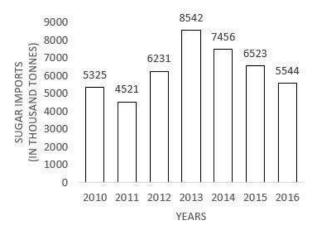
2
4
A
X 1.0
s

2.5
3.1
X 4.10

Question ID: 630680401755 Option 1 ID: 6306801566786 Option 2 ID: 6306801566788 Option 3 ID: 6306801566787 Option 4 ID: 6306801566789 Status: Not Answered

Chosen Option: --

Q.25 The given bar graph shows sugar imports of a country (in thousand tonnes) over the years. Study the graph and answer the question that follows.



The average imports (in thousand tonnes) of all the years is:

Ans X 1. 6469

× 2.6603

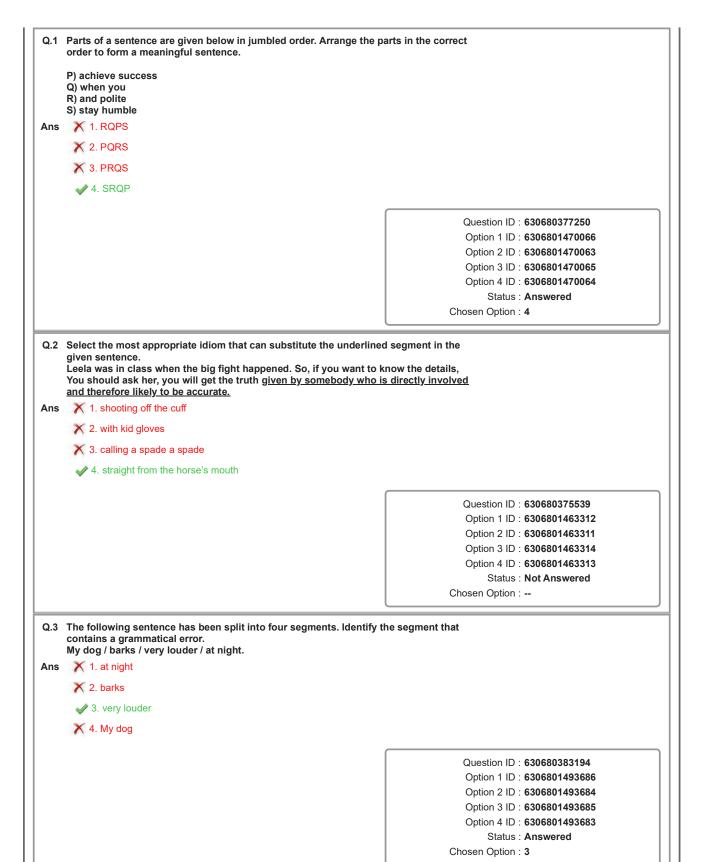
X 3. 6433

4. 6306

Question ID : 630680397704 Option 1 ID : 6306801550776 Option 2 ID : 6306801550775 Option 3 ID : 6306801550773 Option 4 ID : 6306801550774

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

 ${\bf Section: English\ Comprehension}$



	X 2. Fade	
	X 3. Solve	
	X 4. Vanish	
		Question ID : 630680517556
		Option 1 ID : 6306802022621
		Option 2 ID : 6306802022620
		Option 3 ID : 6306802022622
		Option 4 ID : 6306802022623
		Status : Answered Chosen Option : 1
		Check Spilott 1
1.5	The following sentence contains a word with a spelling erro selecting the correct spelling of the identified word from the	or. Rectify the sentence by a given options.
	Later on, he was truely apologetic for his misconduct in the	meeting.
ns	X 1. Truily	
	X 2. Trooly	
	X 4. Treuly	
		Question ID: 630680360841
		Option 1 ID: 6306801405239
		Option 2 ID : 6306801405240
		Option 2 ID : 6306801405240 Option 3 ID : 6306801405238
		Option 2 ID : 6306801405240
		Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237
	Salant the correctly englit word	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	Select the correctly spelt word. X 1. Exhileration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	★ 1. Exhileration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
Q.6 Ans	X 1. ExhilerationX 2. Exilaration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	X 1. ExhilerationX 2. Exilaration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID : 6306801405240 Option 3 ID : 6306801405238 Option 4 ID : 6306801405237 Status : Not Answered
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID: 6306801405240 Option 3 ID: 6306801405238 Option 4 ID: 6306801405237 Status: Not Answered Chosen Option:
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID: 6306801405240 Option 3 ID: 6306801405238 Option 4 ID: 6306801405237 Status: Not Answered Chosen Option: Question ID: 630680409946 Option 1 ID: 6306801598613 Option 2 ID: 6306801598614
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID: 6306801405240 Option 3 ID: 6306801405238 Option 4 ID: 6306801405237 Status: Not Answered Chosen Option: Question ID: 630680409946 Option 1 ID: 6306801598613 Option 2 ID: 6306801598614 Option 3 ID: 6306801598616
	1. Exhileration2. Exilaration3. Exhillaration	Option 2 ID: 6306801405240 Option 3 ID: 6306801405238 Option 4 ID: 6306801405237 Status: Not Answered Chosen Option: Question ID: 630680409946 Option 1 ID: 6306801598613 Option 2 ID: 6306801598614

Q.7 Select the most appropriate ANTONYM of the given word.

Laudable

Ans X 1. Humorous

2. Deplorable

X 3. Commendable

X 4. Severe

Question ID: 630680517366
Option 1 ID: 6306802021862
Option 2 ID: 6306802021861
Option 3 ID: 6306802021860
Option 4 ID: 6306802021863
Status: Not Answered

Chosen Option: --

Q.8 Select the option that expresses the given sentence in active voice. A comic play was performed by the comedian.

Ans X 1. The comedian do perform a comic play.

2. The comedian performance a comic play.

3. The comedian performed a comic play.

4. The comedian performs a comic play.

Question ID : 630680415256 Option 1 ID : 6306801619773 Option 2 ID : 6306801619774 Option 3 ID : 6306801619771 Option 4 ID : 6306801619772 Status : Answered

Chosen Option: 3

Q.9 Select the option that expresses the given sentence in passive voice.

The research team is conducting experiments on a new drug that could revolutionise the treatment of the disease.

Ans X 1. Experiments are conducted on a new drug that could revolutionise the treatment of the disease from the research team.

X 2. Experiments were being conducted on a new drug that could revolutionise the treatment of the disease by the research team.

X 3. Experiments have been conducted on a new drug that could have revolutionised the treatment of the disease through the research team.

 \checkmark 4. Experiments are being conducted on a new drug that could revolutionise the treatment of the disease by the research team.

Question ID : **630680374381** Option 1 ID : **6306801458708**

Option 2 ID : **6306801458707** Option 3 ID : **6306801458709**

Option 3 ID : **6306801458709**Option 4 ID : **6306801458710**

Status: Answered

Q.10 Select the most appropriate ANTONYM of the underlined word to fill in the blank. Ram <u>failed</u> initially but after a few years, he _____ in every field. Ans X 1. enjoyed X 2. elevated 3. succeeded X 4. reserved Question ID: 630680167047 Option 1 ID: 630680647051 Option 2 ID: 630680647050 Option 3 ID: 630680647048 Option 4 ID: 630680647049 Status: Answered Chosen Option: 3 Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The company specialises at / designing, crafting and manufacturing / exquisite, highquality furniture / of exceptional craftsmanship. X 1. designing, crafting and manufacturing Ans 2. The company specialises at X 3. of exceptional craftsmanship 4. exquisite, high-quality furniture Question ID: 630680415189 Option 1 ID: 6306801619504 Option 2 ID: 6306801619503 Option 3 ID: 6306801619506 Option 4 ID: 6306801619505 Status: Not Answered Chosen Option: --Q.12 Select the most appropriate synonym of the given word. Derogatory X 1. Delegation 2. Insulting X 3. Salutary X 4. Derivative Question ID: 630680360816 Option 1 ID: 6306801405140 Option 2 ID: 6306801405139 Option 3 ID: 6306801405138 Option 4 ID: 6306801405137 Status: Not Answered Chosen Option : --

Q.13 Select the most appropriate option to fill in the blank. Raj is very interested in studying human psychology, so he decided to pursue his master's degree in Ans X 1. Archaeology 2. Psychology X 3. Philosophy X 4. Anatomy Question ID: 630680328427 Option 1 ID: 6306801277679 Option 2 ID: 6306801277677 Option 3 ID: 6306801277680 Option 4 ID: 6306801277678 Status: Answered Chosen Option: 3 Q.14 Select the most appropriate option that can substitute the underlined part in the following sentence. The entire speech of the revivalist fell flat with the crowd that was present there. Ans X 1. had somewhat of a result on X 2. had a great impact on X 3. had moderate influence on 4. had no effect on Question ID: 630680317824 Option 1 ID: 6306801236392 Option 2 ID: 6306801236389 Option 3 ID: 6306801236391 Option 4 ID: 6306801236390 Status: Answered Chosen Option: 4 Q.15 Select the option that can be used as a one-word substitute for the given group of words. A performer's first public appearance Ans X 1. Foundation X 2. Premise X 3. Dawn 4. Debut Question ID : 630680414755 Option 1 ID: 6306801617765 Option 2 ID: 6306801617763 Option 3 ID: 6306801617764 Option 4 ID: 6306801617766 Status: Not Answered Chosen Option: --

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

To go through an area making a lot of noise and causing damage

Ans 1. Violence
2. Cacophony
3. Rampage

Question ID: 630680414624

Option 1 ID: 6306801617240

Option 2 ID: 6306801617242

Option 3 ID: 6306801617239

Option 4 ID: 6306801617241

Status: Answered

Chosen Option: 2

- Q.17 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.
 - (A) and was searching for them
 - (B) the grandmother couldn't find
 - (C) all around the house

X 4. Brutality

- (D) placed them on her head
- (E) her spectacles because she had

Ans X 1. BADEC

X 2. CABED

X 4. ADBEC

Question ID: 630680360059 Option 1 ID: 6306801402181 Option 2 ID: 6306801402184 Option 3 ID: 6306801402182 Option 4 ID: 6306801402183

Status: Answered

Chosen Option: 3

Q.18 Select the option that can substitute/replace the bracketed word correctly and complete the sentence.

If he runs, he (get) there in time.

Ans X 1. got there in time

2. will get

X 3. is getting

X 4. has to get

Question ID : 630680176613 Option 1 ID : 630680684672 Option 2 ID : 630680684673 Option 3 ID : 630680684675 Option 4 ID : 630680684674

Status : Answered

Q.19 Select the most appropriate synonym of the underlined word. We went to a legitimate Mexican restaurant for my birthday, where they served cuisine like you would find in Mexico. Ans X 1. productive 🥒 2. genuine X 3. fictitious X 4. falsified Question ID: 630680195035 Option 1 ID: 630680756632 Option 2 ID: 630680756630 Option 3 ID: 630680756629 Option 4 ID: 630680756631 Status: Not Answered Chosen Option: --Q.20 Select the most appropriate synonym of the underlined word. Our university is affiliated with various institutes all over the world. X 1. disparate X 2. unalike X 3. diverse 4. allied Question ID: 630680183597 Option 1 ID: 630680711400 Option 2 ID: 630680711398 Option 3 ID: 630680711399 Option 4 ID: 630680711397 Status: Not Answered Chosen Option: --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. The Kuno Palpur National Park, located in Madhya Pradesh's Chambal (1)_ an area of 750 square kilometres. It now has leopards, jackals, spotted deer, sambhar, neelgai, chinkara, wild boar, and four-horned antelope, making it a perfect (2)_ base for felids. Despite strong objections from Gujarat, which (3)_ that lions were part of the state's heritage, that MP had a poor (4) _____ in wildlife management, and that Kuno Palpur had other big cat species that would (5) _____ lion relocation the Kuno Palpur had other big cat species that would (5)_ _ lion relocation, the sanctuary was chosen for the lion reintroduction project in 2013. SubQuestion No: 21 Q.21 Select the most appropriate option to fill in blank number 1. X 1. reason X 2. river X 3. reign 4. region Question ID: 630680159206

Question ID: 630680159206 Option 1 ID: 630680616290 Option 2 ID: 630680616291 Option 3 ID: 630680616289 Option 4 ID: 630680616288 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. The Kuno Palpur National Park, located in Madhya Pradesh's Chambal (1)_ an area of 750 square kilometres. It now has leopards, jackals, spotted deer, sambhar, neelgai, chinkara, wild boar, and four-horned antelope, making it a perfect (2) base for felids. Despite strong objections from Gujarat, which (3) that lions were part of the state's heritage, that MP had a poor (4) in wildlife management, and that Kuno Palpur had other big cat species that would (5) lion relocation, the sanctuary was chosen for the lion reintroduction project in 2013. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans X 1. aid X 2. fun X 3. guard 4. prey

Question ID: 630680159207 Option 1 ID: 630680616295 Option 2 ID: 630680616292 Option 3 ID: 630680616293 Option 4 ID: 630680616294 Status: Not Answered

Chosen Option: --

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.

The Kuno Palpur National Park, located in Madhya Pradesh's Chambal (1) , ha

an area of 750 square kilometres. It now has leopards, jackals, spotted deer, sambhar, neelgai, chinkara, wild boar, and four-horned antelope, making it a perfect (2)______base for felids. Despite strong objections from Gujarat, which (3)______ that lions were part of the state's heritage, that MP had a poor (4)_____ in wildlife management, and that Kuno Palpur had other big cat species that would (5)______ lion relocation, the sanctuary was chosen for the lion reintroduction project in 2013.

SubQuestion No: 23

Q.23 Select the most appropriate option to fill in blank number 3.

Ans X 1. restricted

X 2. adjourned

X 3. accused

4. claimed

Question ID : 630680159208 Option 1 ID : 630680616296 Option 2 ID : 630680616298 Option 3 ID : 630680616299

Option 4 ID : **630680616297** Status : **Not 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. The Kuno Palpur National Park, located in Madhya Pradesh's Chambal (1)_ an area of 750 square kilometres. It now has leopards, jackals, spotted deer, sambhar, neelgai, chinkara, wild boar, and four-horned antelope, making it a perfect (2) base for felids. Despite strong objections from Gujarat, which (3) that lions were part of the state's heritage, that MP had a poor (4) in wildlife management, and that Kuno Palpur had other big cat species that would (5) lion relocation, the sanctuary was chosen for the lion reintroduction project in 2013. SubQuestion No: 24 Q.24 Select the most appropriate option to fill in blank number 4. Ans X 1. summary X 2. gaze 3. record X 4. loss

Question ID: 630680159209
Option 1 ID: 630680616301
Option 2 ID: 630680616302
Option 3 ID: 630680616300
Option 4 ID: 630680616303
Status: Answered

Chosen Option: 3

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.

The Kuno Palpur National Park, located in Madhya Pradesh's Chambal (1)_____, has an area of 750 square kilometres. It now has leopards, jackals, spotted deer, sambhar, neelgai, chinkara, wild boar, and four-horned antelope, making it a perfect (2)_____ base for felids. Despite strong objections from Gujarat, which (3)______ that lions were part of the state's heritage, that MP had a poor (4)_____ in wildlife management, and that Kuno Palpur had other big cat species that would (5)______ lion relocation, the sanctuary was chosen for the lion reintroduction project in 2013.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans 🗳 1. Jeopardise

X 2. Innocuous

X 3. channelise

X 4. safeguard

Question ID: 630680159210 Option 1 ID: 630680616307 Option 2 ID: 630680616306

Option 3 ID : **630680616305** Option 4 ID : **630680616304**

Status: Not Answered