Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/09/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 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 conclusion(s) logically follow(s) from the statements.

Statements:

All pastries are chocolates. Some chocolates are cookies. All cookies are cakes.

Conclusions:

(I) No pastry is a cake.

(II) Some cakes are chocolates.

Ans X 1. Both conclusions I and II follow.

X 2. Neither conclusion I nor II follows.

3. Only conclusion II follows.

X 4. Only conclusion I follows.

Question ID : **630680796950** Option 1 ID : **6306803122759** Option 2 ID : **6306803122758**

Option 3 ID : 6306803122757 Option 4 ID : 6306803122756 Status : Answered

Chosen Option: 3

Q.2 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? 229 ÷ 41 + 502 × 2 - 44 = ?

Ans X 1. 9218

2. 9182

X 3. 9812

X 4, 928

Question ID : 630680411722

Option 1 ID: 6306801605725

Option 2 ID : 6306801605726

Option 3 ID: 6306801605723

Option 4 ID : **6306801605724**Status : **Answered**

Q.3 Which of the following terms will replace the question mark (?) in the given series? OPOR, NOPS, ?, LMRU, KLSV X 1. MNTQ Ans X 2. MNQP ✓ 3. MNQT X 4. NMQT Question ID : 630680416899 Option 1 ID: 6306801626362 Option 2 ID: 6306801626359 Option 3 ID: 6306801626360 Option 4 ID: 6306801626361 Status : Answered Chosen Option: 3 Q.4 How many triangles are there in the given figure? **1**.8 Ans X 2.9 **X** 3. 11 **X** 4. 10 Question ID: 630680161867 Option 1 ID: 630680626779 Option 2 ID: 630680626778 Option 3 ID: 630680626777 Option 4 ID: 630680626776 Status: Answered Chosen Option: 2 Q.5 'Simple' is related to 'Basic' in the same way as 'Difficult' is related to '_ Ans X 1. Trivial X 2. Imaginary X 4. Wrong Question ID: 630680416731 Option 1 ID: 6306801625687 Option 2 ID: 6306801625690 Option 3 ID: 6306801625689 Option 4 ID: 6306801625688 Status : Answered Chosen Option: 3

Q.6 Select the option that represents the letters that when sequentially placed from left to right in the blanks below will complete the letter series.

 $Y_Y_Y_Y_Y_Y$

Ans

- X 1. TYTYTY
- X 2. YTYTYT
- X 3. TTYYTT
- ✓ 4. TYTYYT

Question ID: 630680262382

Option 1 ID: 6306801019168

Option 2 ID: **6306801019169**Option 3 ID: **6306801019167**

Option 3 ID : 630680101916

Option 4 ID : **6306801019170**Status : **Answered**

Chosen Option : 1

Q.7 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.

Statements:

All red are green.

All green are pink.

No pink is blue.

Conclusions:

- I. No green is blue.
- II. Some blue are red.
- Ans X 1. Neither conclusion I nor II follows.
 - 2. Only conclusion I follows.
 - X 3. Both conclusions I and II follow.
 - X 4. Only conclusion II follows.

Question ID: 630680416135

Option 1 ID : 6306801623306

Option 2 ID: 6306801623303

Option 3 ID : 6306801623305

Option 4 ID: 6306801623304

Status: Answered

Chosen Option : 2

Q.8 In a certain code language, 'FRAMED' is coded as '497621' and 'DREAMT' is coded as '769542'. What is the code for 'T' in that language?

Ans

- X 1.7
- X 2. 1
- X 3.4
- **4**. 5

Question ID: 630680296861

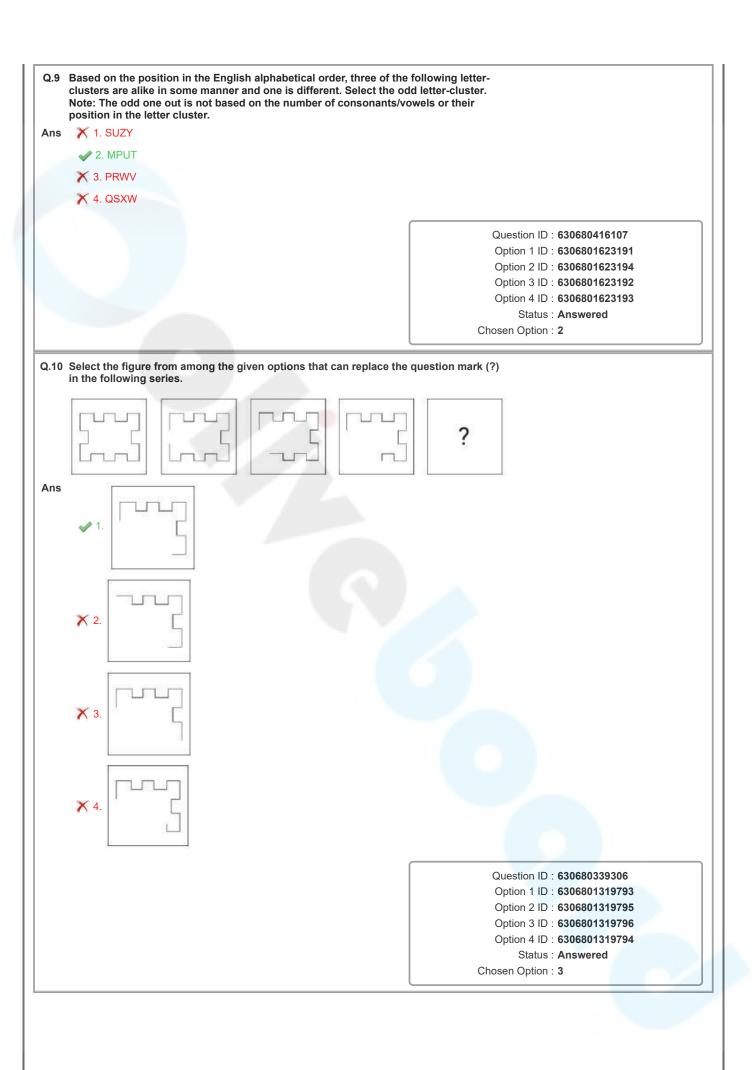
Option 1 ID: 6306801155087

Option 2 ID: 6306801155090

Option 3 ID : **6306801155089**

Option 4 ID: 6306801155088

Status: Answered



Q.11 In a certain code language, FIGURE is coded as 'YSUGJW' and COPIED is coded as 'YMLSWX'. What will be the code for BLANKET?

Ans

X 1. ZPMNQHW

X 2. ZPANQHW

X 3. ZPNAQWH

✓ 4. ZPANQWH

Question ID: 630680351482
Option 1 ID: 6306801368027
Option 2 ID: 6306801368028
Option 3 ID: 6306801368026
Option 4 ID: 6306801368025
Status: Answered

Chosen Option : 4

Q.12 The position of how many letters will remain unchanged if each of the letters in the word 'SPIDER' is arranged in the English alphabetical order?

Ans

✓ 1. One

X 2. Three

X 3. None

X 4. Two

Question ID: 630680222291
Option 1 ID: 630680862996
Option 2 ID: 630680862998
Option 3 ID: 630680862995
Option 4 ID: 630680862997

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

Q.13 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.)

$$17 - 19 - 16 - 20; 22 - 24 - 21 - 25$$

Ans

Question ID: 630680814080

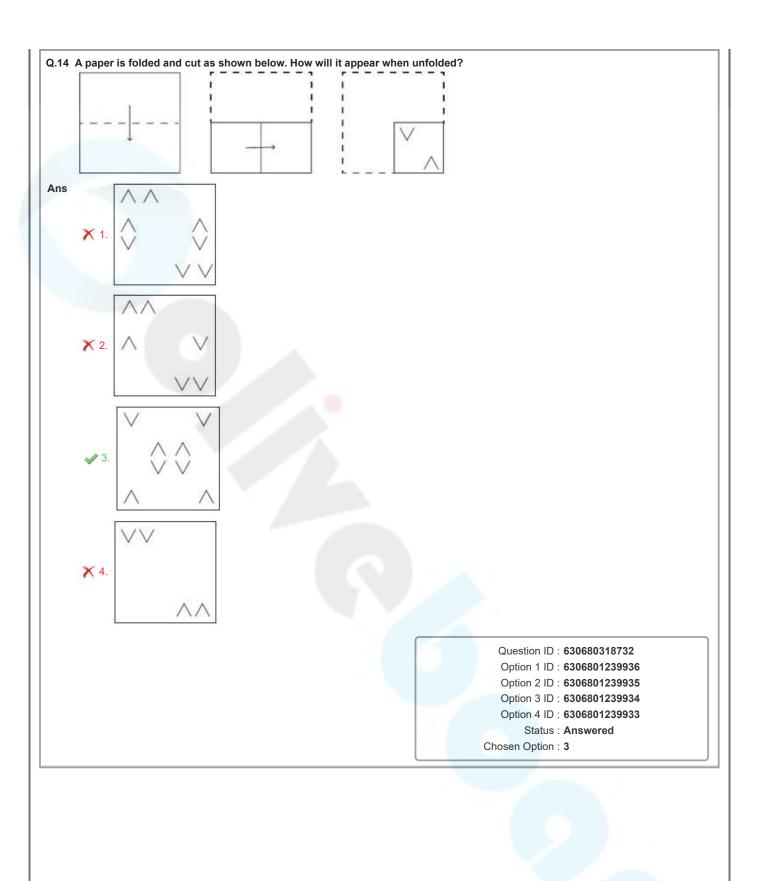
Option 1 ID: 6306803189539

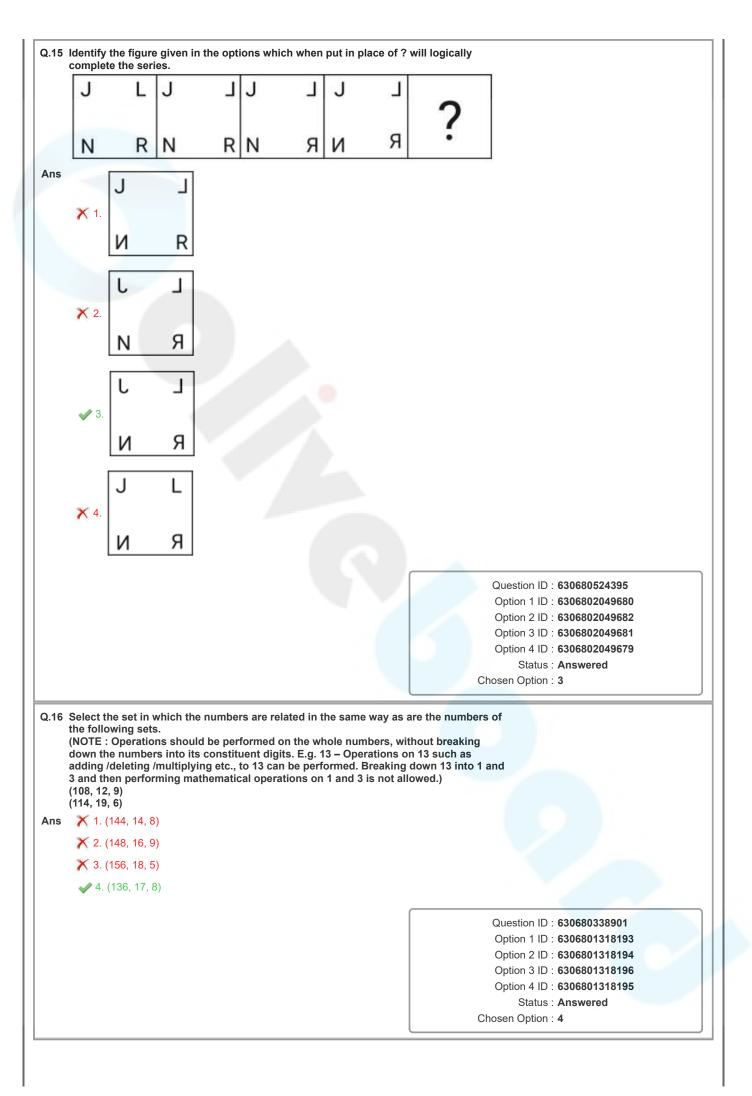
Option 2 ID : 6306803189540

Option 3 ID: 6306803189538

Option 4 ID: 6306803189537

Status : Answered



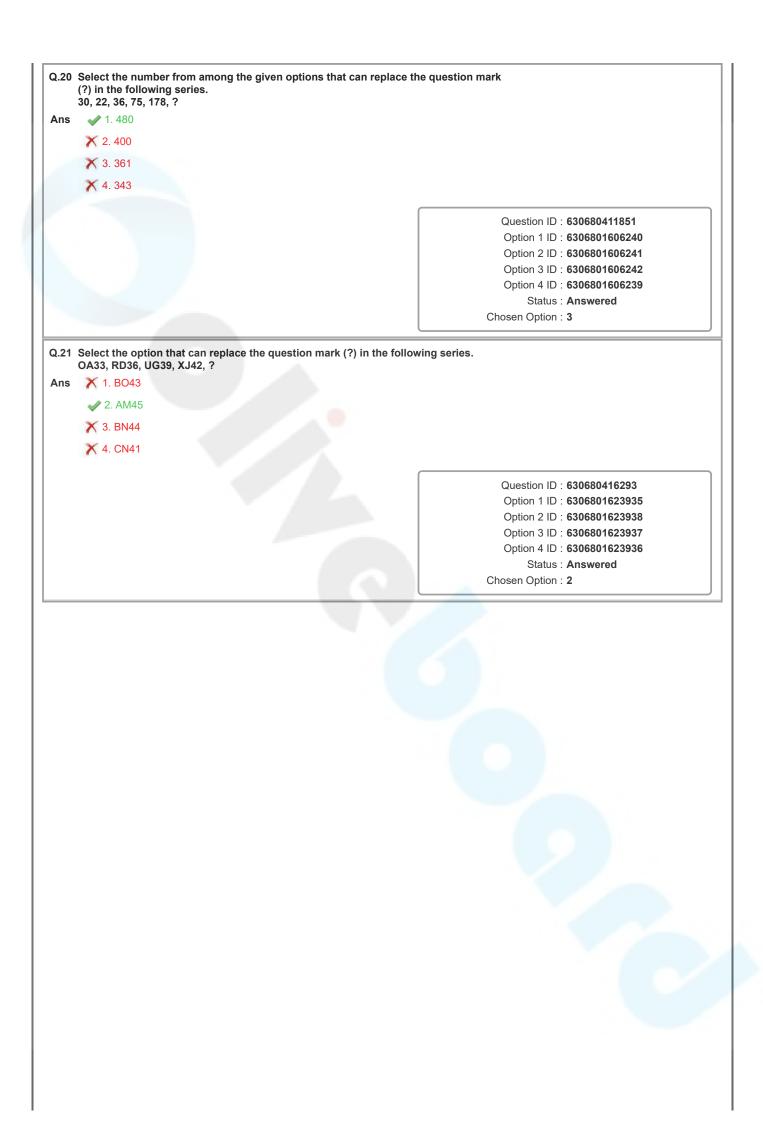


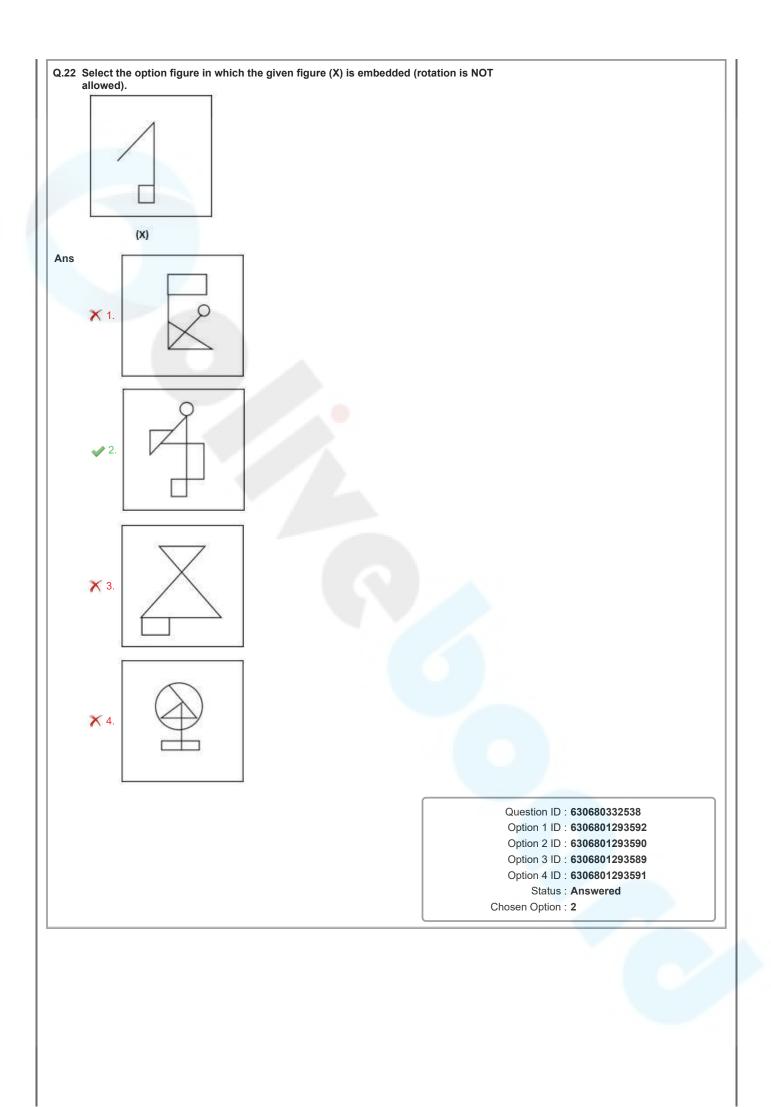
Me39ha Ans Me39ha 1X X 5 BA9 Ee M Me39ha & № MeE9hg 4X Question ID: 630680325827 Option 1 ID: 6306801267503 Option 2 ID: 6306801267504 Option 3 ID: 6306801267502 Option 4 ID: 6306801267501 Status: Answered Chosen Option: 3 Q.18 In a certain code language, 'A + B' means 'A is the son of B'; 'A # B' means 'A is the sister of B'; 'A × B' means 'A is the wife of B'; and, 'A @ B' means 'A is the father of B'. Based on the above, how is M related to T if 'M # N @ L x P + T'? Ans X 1. Son's wife's father's mother 2. Son's wife's father's sister X 3. Son's wife's father X 4. Son's wife's sister Question ID: 630680309852 Option 1 ID: 6306801205558 Option 2 ID: 6306801205557 Option 3 ID: 6306801205559 Option 4 ID: 6306801205560 Status: Answered Chosen Option: 2 Q.19 Select the triad in which the numbers are related in the same way as are the numbers of the given triads. (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.) (3, 5, 32) (9, 1, 26) **Ans** X 1. (5, 6, 33) **X** 2. (4, 2, 28) **3**. (6, 1, 23) **X** 4. (2, 6, 30) Question ID: 630680166394 Option 1 ID: 630680644529 Option 2 ID: 630680644530 Option 3 ID: 630680644528 Option 4 ID: 630680644531

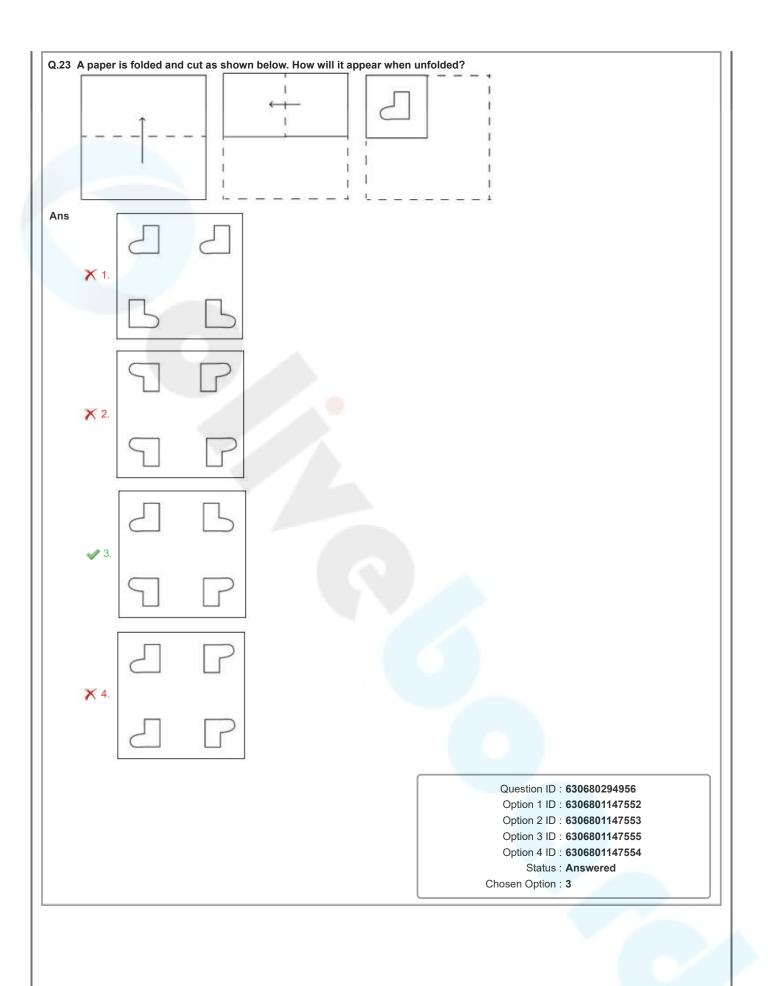
Status : **Answered**

Chosen Option: 4

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN.







Q.24 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $4 - 5 \div 9 + 6 \times 2 = ?$

Ans

X 1. 38

X 2.42

X 3. 36

Question ID: 630680337365 Option 1 ID: 6306801312181 Option 2 ID: 6306801312182 Option 3 ID: 6306801312183 Option 4 ID: 6306801312184

Status: Answered Chosen Option: 2

Q.25 Three of the following four options are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(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.)

Ans

X 1. 90 – 99 – 108

✓ 2. 90 − 51 − 13

X 3. 82 - 46 - 10

X 4. 67 – 45 – 23

Question ID: 630680196585 Option 1 ID: 630680762641 Option 2 ID: 630680762639 Option 3 ID: 630680762642 Option 4 ID: 630680762640

Status : **Answered** Chosen Option : 2

Section: General Awareness

Q.1 In which of the following games is the 'Baulk Line' used?

Ans X 1. Tennis

X 2. Badminton

X 3. Kho-Kho

4. Kabaddi

Question ID: 630680510771

Option 1 ID: 6306801996217

Option 2 ID: 6306801996215

Option 3 ID: 6306801996216 Option 4 ID: 6306801996214

Status: Answered

Q.2 In the context of cell division, which chromosomal behaviour takes place at the leptotene stage?

Ans

1. Chromosomes begin to condense

X 2. Synapsis is complete

X 3. Homologous chromosomes pair

X 4. Chromosomes are un-synapsed

Question ID: 630680407461
Option 1 ID: 6306801588783
Option 2 ID: 6306801588782
Option 3 ID: 6306801588784
Option 4 ID: 6306801588785
Status: Answered

Chosen Option : 1

Q.3 Nirupama Sanjeev is a famous _____ player of India?

Ane 🔭

X 1. chess

X 2. badminton

3. tennis

X 4. swimming

Question ID: 630680510828
Option 1 ID: 6306801996445
Option 2 ID: 6306801996443
Option 3 ID: 6306801996442
Option 4 ID: 6306801996444
Status: Answered

Chosen Option : 1

Q.4 The 'Lokranjan' festival celebrates the folk and tribal culture of which Indian state?

Ans

X 1. Jharkhand

X 2. Manipur

3. Madhya Pradesh

X 4. Meghalaya

Question ID: 630680216010
Option 1 ID: 630680838017
Option 2 ID: 630680838015
Option 3 ID: 630680838018
Option 4 ID: 630680838016
Status: Not Answered

Chosen Option: --

Q.5 How many carbon dioxide and water molecules will be there in the product side, if the following equation is made balanced? C₂H₅OH+O₂→CO₂+H₂O

 $C_2 \Pi_5 \cup \Pi_7 \cup Q_2 \rightarrow C \cup Q_7 \Pi_2 \cup Q_7 \cup Q_7$

Ans X 1. 3 and 6, respectively X 2. 1 and 1, respectively

3. 2 and 3, respectively

X 4. 3 and 2, respectively

Question ID : 630680517159 Option 1 ID : 6306802021033 Option 2 ID : 6306802021034

Option 3 ID : **6306802021035**Option 4 ID : **6306802021032**Status : **Answered**

Question ID: 630680511795
Option 1 ID: 6306802000153
Option 2 ID: 6306802000152
Option 3 ID: 6306802000151
Option 4 ID: 6306802000150
Status: Answered
Chosen Option: 4

Q.7 To promote agriculture, Muhammad Tughlaq founded which of the following new ministries?

Ans 💜 1. Diwan-i Amir-i kohi

X 2. Diwan-i-Risalat

X 3. Diwan-i-Arz

X 4. Diwan-i-Insha

Question ID: 630680412337
Option 1 ID: 6306801608174
Option 2 ID: 6306801608173
Option 3 ID: 6306801608171
Option 4 ID: 6306801608172
Status: Answered

Chosen Option: 1

Q.8 Match the following social reform organisations with their respective founders.

Social reform organisations

Their founders

a) Brahmo Samaj

b) Ramakrishna Mission

c) Prarthana Samaj

d) Arya Samaj

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

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

√ 3. a-iii, b-i, c-ii, d-iv

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

i. Swami Vivekanand

ii. Atmaram Pandurang

iii. Raja Ram Mohan Roy

iv. Dayananda Saraswati

Question ID: 630680412364
Option 1 ID: 6306801608279
Option 2 ID: 6306801608281
Option 3 ID: 6306801608280
Option 4 ID: 6306801608282

Status: Answered

Q.9 In West Bengal, how many rice crops are grown in a year? Ans ✓ 1. Three X 2. One X 3. Two X 4. Four Question ID : 63068087946 Option 1 ID: 630680341169 Option 2 ID: 630680341172 Option 3 ID: 630680341171 Option 4 ID: 630680341170 Status: Answered Chosen Option : 1 Q.10 Which of the following are enumerated in Part IV of the Indian Constitution, from

Articles 36 to 51?

✓ 1. Directive Principles of State Policy

X 2. Fundamental Rights

X 3. the Union

X 4. Fundamental Duties

Question ID: 630680326509 Option 1 ID: 6306801270123 Option 2 ID: 6306801270121 Option 3 ID: 6306801270124 Option 4 ID: 6306801270122 Status : Answered

Chosen Option: 1

Chosen Option: 1

Q.11 Which of the following sectors in India faces seasonal unemployment?

1. Agriculture Ans

X 2. Manufacturing

X 3. Medical

¥ 4. Information technology

Question ID: 630680216380 Option 1 ID: 630680839496 Option 2 ID: 630680839498 Option 3 ID: 630680839495 Option 4 ID: 630680839497 Status: Answered

Q.12 Arvind Parikh, a Padma Bhushan awardee, plays which of the following musical instruments?

Ans X 1. Sarangi

X 2. Bansuri

3. Sitar

X 4. Tabla

Question ID: 630680415785 Option 1 ID: 6306801621885 Option 2 ID: 6306801621884 Option 3 ID: 6306801621886 Option 4 ID: 6306801621883 Status : Answered

ıs	√ 1. Nagaland 1. Nagaland			
	X 2. Rajasthan			
	X 3. Karnataka			
	X 4. Uttar Pradesh			
		Question ID: 630680408980		
		Option 1 ID : 6306801594846		
		Option 2 ID : 6306801594843		
		Option 3 ID : 6306801594844		
		Option 4 ID : 6306801594845		
		Status : Answered		
		Chosen Option : 4		
).14	The upper portion of the Earth is known as:			
Ans	✓ 1. Lithosphere			
	X 2. Mesosphere			
	X 3. Troposphere			
	X 4. Stratosphere			
	,,			
		Question ID : 63068091124		
		Option 1 ID : 630680353250		
		Option 2 ID : 630680353252		
		Option 3 ID : 630680353253		
		Option 4 ID : 630680353251		
		Status : Answered		
		Chosen Option : 4		
Ans	The Environment (Protection) Act, 1986 empowers authorities charged with the mandate of preventing forms. **Notate Government**			
	X 2. Supreme Court			
	X 4. local municipalities			
		Question ID : 630680200246		
		Option 1 ID : 630680776410		
		Option 2 ID : 630680776411		
		Option 3 ID : 630680776408		
		Option 4 ID : 630680776409 Status : Answered		
		Chosen Option : 1		
		Choson option . I		
Q.16	The revolution of 1857 started in May from which	of the following cantonments in		
	India?	of the following cantonments in		
	India? 1. Lucknow	of the following cantonments in		
	India? X 1. Lucknow X 2. Jhansi	of the following cantonments in		
	India? X 1. Lucknow X 2. Jhansi X 3. Kanpur	of the following cantonments in		
	India? X 1. Lucknow X 2. Jhansi	of the following cantonments in		
	India? X 1. Lucknow X 2. Jhansi X 3. Kanpur			
	India? X 1. Lucknow X 2. Jhansi X 3. Kanpur	Question ID : 630680511532		
Q.16 Ans	India? X 1. Lucknow X 2. Jhansi X 3. Kanpur			

Option 4 ID : **6306801999251** Status : **Answered**

Q.17 Who among the following famous badminton players won Singapore Open 2022? 1. PV Sindhu Ans X 2. Saina Nehwal X 3. Aparna Popat X 4. Jwala Gutta Question ID : 630680310842 Option 1 ID: 6306801209497 Option 2 ID: 6306801209498 Option 3 ID: 6306801209500 Option 4 ID: 6306801209499 Status: Answered Chosen Option : 1 Q.18 Which part of Indian Constitution deals with the election of the Vice President? Ans X 1. Part VI X 2. Part IV X 4. Part III Question ID: 630680413114 Option 1 ID: 6306801611279 Option 2 ID: 6306801611281 Option 3 ID: 6306801611280 Option 4 ID: 6306801611282 Status: Answered Chosen Option: 3 Q.19 The Gandak river is a tributary of which river? Ans X 1. Brahmaputra river X 2. Yamuna river 3. Ganga river X 4. Kaveri river Question ID: 630680401687 Option 1 ID: 6306801566523 Option 2 ID: 6306801566524 Option 3 ID: 6306801566522 Option 4 ID: 6306801566525 Status: Answered Chosen Option: 3 Q.20 Who among the following Pallava kings occupied Vatapi (Badami) and defeated the Chalukyas? Ans X 1. Parameswaravarman X 2. Sivaskanda Varman 3. Narasimhavarman X 4. Simhavarman Question ID: 630680412473 Option 1 ID: 6306801608718 Option 2 ID: 6306801608716 Option 3 ID: 6306801608715 Option 4 ID: 6306801608717 Status : Answered

Q.21 The term 'Microfinancing' was first used in the 1970s during the development of Grameen Bank of Bangladesh, which was founded by

X 1. Alfred Marshall

2. Muhammad Yunus

X 3. Adam Smith

X 4. Jeremy Bentham

Question ID: 630680195216 Option 1 ID: 630680757355 Option 2 ID: 630680757353 Option 3 ID: 630680757356 Option 4 ID: 630680757354 Status: Answered

Chosen Option: 3

Q.22 Which of the following statements is NOT correct?

Ans X 1. Light year is the unit of distance.

X 2. Light year is the distance travelled by light in one year.

3. Light year is the unit of time.

X 4. Angstrom is unit of length.

Question ID: 630680113749 Option 1 ID: 630680440523 Option 2 ID: 630680440524 Option 3 ID: 630680440522 Option 4 ID: 630680440525 Status : Answered

Chosen Option: 3

Q.23 Which of the following Articles and Parts of the Indian Constitution deal with the State Legislature?

Ans

✓ 1. Articles 168 to 212 in Part VI

X 2. Articles 214 to 231 in Part VI

X 3. Articles 79 to 122 in Part V

X 4. Articles 243 to 243-O in Part IX

Question ID: 630680326520 Option 1 ID: 6306801270165 Option 2 ID: 6306801270167 Option 3 ID: 6306801270166

Option 4 ID: 6306801270168 Status: Answered

Chosen Option: 1

Q.24 What is the economic justification for subsidies in the agriculture sector?

X 1. It is used to provide benefits for capital goods producers in agriculture.

X 2. It is mostly used to provide benefits for rich farmers.

X 3. It is a part of government expenditure in the service sector.

cost of production.

> Question ID: 6306801048044 Option 1 ID: 6306804114224 Option 2 ID: 6306804114223 Option 3 ID: 6306804114225

Option 4 ID: 6306804114222 Status: Answered

Q.25 Which of the following is a characteristic of both mammals and birds?

Ans X 1. Pigmented skin

X 2. Pneumatic bones

3. Warm blooded

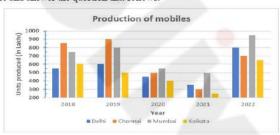
X 4. Viviparity

Question ID : 630680314165 Option 1 ID: 6306801222468 Option 2 ID: 6306801222465 Option 3 ID: 6306801222467 Option 4 ID: 6306801222466 Status: Answered

Chosen Option : 2

Section: Quantitative Aptitude

Q.1 The following figure shows the production of mobiles in lakh units of four cities in different years. Study the figure and answer the question that follows.



What is the ratio between the average production in Delhi and Kolkata during the period of 2019 to 2022?

Ans

1. 11 : 9

X 2. 13:7

X 3. 11 : 7

X 4. 13 : 9

Question ID: 630680387340 Option 1 ID: 6306801510046

Option 2 ID: 6306801510049 Option 3 ID: 6306801510047 Option 4 ID: 6306801510048

Status: Answered

Chosen Option: 1

Q.2 In a class of 150 students (boys and girls only), the girls are 60. The average weight of boys is 52 kg and that of girls is 48 kg. What is the average weight (in kg) of the whole class?

Ans

X 1. 48.8

X 2. 49.6

X 3. 51.2

4. 50.4

Question ID: 630680397519

Option 1 ID: 6306801549994 Option 2 ID: 6306801549995 Option 3 ID: 6306801549997

Option 4 ID: 6306801549996

Status: Answered

Q.3 $\triangle ABC$ is a right-angled triangle with $\angle ABC = 90^{\circ}$. If $m(\overline{AB}) = 28$ cm, and $m(\overline{BC}) = 96$ cm, find the area (in cm²) of the circumcircle of $\triangle ABC$. (Use $\pi = 3.14$.)

Ans X 1. 7,536

X 2. 7,693

X 3. 8,164

4. 7,850

Question ID: 630680381331
Option 1 ID: 6306801486275
Option 2 ID: 6306801486277
Option 3 ID: 6306801486278
Option 4 ID: 6306801486276
Status: Answered

Chosen Option : 1

Q.4 Study the below table and answer the question that follows.

	2017	2018	2019	2020	2021
Company P	2000	4000	2000	3000	4000
Company Q	1500	3000	1500	3000	3000
Company R	1400	2000	2000	3000	3000

For which of the following pairs of years are the total exports from the three companies together, equal?

Ans X 1. 2018 and 2019

X 2. 2017 and 2018

X 4. 2020 and 2021

Question ID: 630680428112
Option 1 ID: 6306801670493
Option 2 ID: 6306801670492
Option 3 ID: 6306801670494
Option 4 ID: 6306801670495
Status: Answered

Chosen Option: 3

Q.5 Three people, A, B and C, invest in a business in the ratio 2 : 3 : 5. It was decided that 9% of the profits will go to charity. If the total profit was ₹2,50,000, then find the share of C in the profit (in ₹).

Ans X 1. 1,11,650

2. 1,13,750

X 3. 1,26,950

X 4. 1,21,850

Question ID: 630680395082

Option 1 ID : **6306801540599** Option 2 ID : **6306801540598** Option 3 ID : **6306801540596**

Option 4 ID : **6306801540597** Status : **Answered**

- Q.6 Given a linear equation in two variables: 5x + 7y 8 = 0, which of the following linear equations, along with the given equation, forms a system of linear equations having no solution?
- **Ans** \times 1. 10x + 14y 16 = 0
 - \checkmark 2. 5x + 7y 16 = 0
 - \times 3. 5x 7y 8 = 0
 - \times 4. 7x + 5y 8 = 0

Question ID: 630680285569

Option 1 ID: 6306801110243 Option 2 ID: 6306801110244 Option 3 ID: 6306801110246 Option 4 ID: 6306801110245

Status: Not Answered

Chosen Option: --

- Q.7 If ₹1,875 becomes ₹2,625 in 4 years, what will ₹24,000 become at the end of 9 years at the same rate of interest, under simple interest?
- **Ans** X 1. ₹43,200
 - X 2. ₹21,600
 - **√** 3. ₹45,600
 - **X** 4. ₹34,800

Question ID: 630680361799

Option 1 ID: 6306801408964

Option 2 ID : **6306801408962**

Option 3 ID: 6306801408963

Option 4 ID : **6306801408961**Status : **Answered**

Chosen Option: 4

Q.8

If
$$\frac{3(16^3-6^3)}{(16^2+6^2+Q)} = 30$$
, then find the value of Q.

Ans X 1. 112

X 2. 98

3. 96

X 4. 108

Question ID: 630680413497

Option 1 ID: 6306801612815

Option 2 ID: 6306801612813

Option 3 ID : **6306801612812** Option 4 ID : **6306801612814**

Status : Answered

Q.9

Evaluate the given expression. $\frac{5}{1+cot^2\theta}+\frac{3}{1+tan^2\theta}+2cos^2\theta$

- Ans X 1.0
 - **X** 2. 2
 - **X** 3. 3
 - 4.5

Question ID: 630680358089

Option 1 ID: 6306801394345

Option 2 ID: 6306801394346

Option 3 ID: 6306801394347

Option 4 ID: 6306801394348

Status: Not Answered

Chosen Option : --

Q.10 If $(48^{\circ}+ k)$ is an acute angle and $\sin(48^{\circ}+ k) = \cos 13^{\circ}$, what is the value of k(in °)?

- Ans X 1. 23
 - X 2. 17
 - X 3. **37**
 - **4**. **29**

Question ID : 630680402477

Option 1 ID: 6306801569473

Option 2 ID : **6306801569471**

Option 3 ID: 6306801569474

Option 4 ID: 6306801569472

Status: Not Answered

Chosen Option: --

Q.11 Find the remainder when $9^{20} + 2$ is divided by 4.

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

Question ID: 630680139419

Option 1 ID: 630680539750

Option 2 ID: 630680539751

Option 3 ID: 630680539753

Option 4 ID: 630680539752

Status: Answered

Q.12 Annual income of five schools (in lakhs)

Source of	Schools				
Income	X	Y	Z	U	V
Tuition Fee	13	26	15	17	16
Semester Fee	43	56	39	89	59
Donation	14	17	14	50	19
Miscellaneous	25	18	29	13	23
Total	95	117	97	169	117

In case of how many schools, the income by semester fee, is less than three times of donation?

Ans X 1.4

2. 2

X 3. 3

X 4.5

Question ID: 630680523809 Option 1 ID: 6306802047389 Option 2 ID: 6306802047388 Option 3 ID: 6306802047387 Option 4 ID: 6306802047390 Status : Answered

Chosen Option: 2

Q.13 A number whose fifth part increased by 5 is equal to its third part decreased by 7. Find half of the number.

Ans X 1. 150

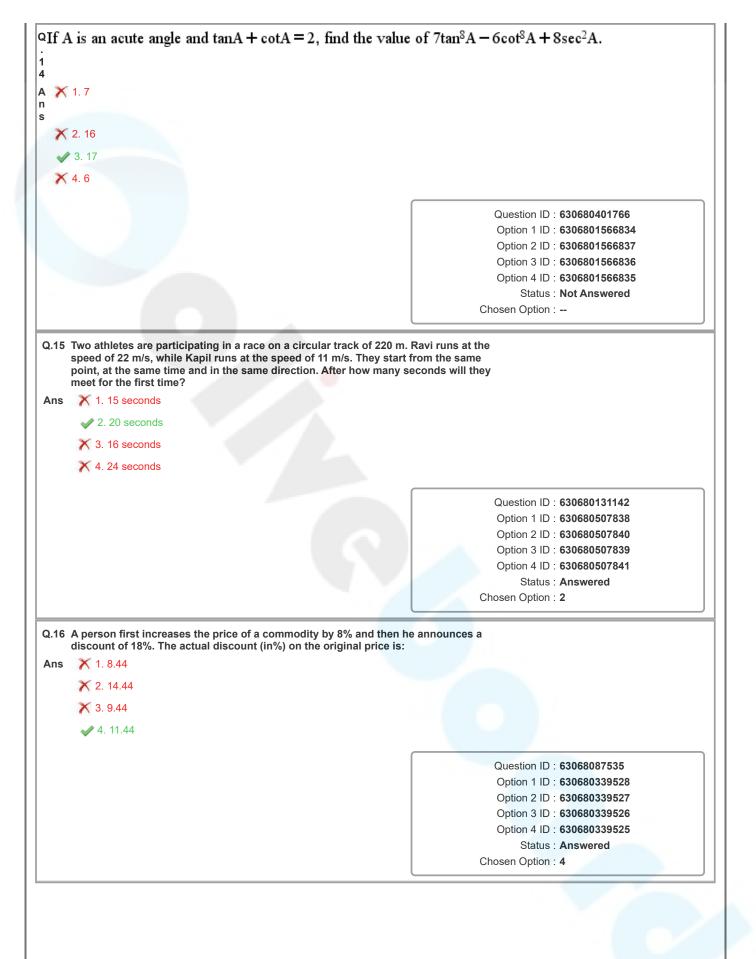
2. 45

X 3. 80

X 4. 60

Question ID: 630680108110 Option 1 ID: 630680419516 Option 2 ID: 630680419518 Option 3 ID : 630680419517 Option 4 ID: 630680419519

Status: Not Answered



Q.17 If books bought at prices ranging from ₹200 to ₹260 are sold at prices ranging from ₹250 to 300, what is the greatest possible profit that might be made in selling 25 books? Ans **√** 1. ₹2,500 **X** 2. ₹1,800 **X** 3. ₹2,300 **X** 4. ₹2,700 Question ID : 630680429030 Option 1 ID: 6306801674166 Option 2 ID: 6306801674164 Option 3 ID: 6306801674165 Option 4 ID: 6306801674167 Status: Not Answered Chosen Option: --Q.18 From a point A, which is at a distance of 17 cm from the centre C of a circle with radius 8 cm, the pair of tangents AB and AD to the circle are drawn. The area of the quadrilateral ABCD is ____ cm². X 1. 192 X 2. 60 **3**. 120 X 4. 360 Question ID: 630680361591 Option 1 ID: 6306801408209 Option 2 ID : **6306801408210** Option 3 ID: 6306801408211 Option 4 ID: 6306801408212 Status: Not Answered Chosen Option : --Q.19 If the angles of a triangle are in the ratio 7:8:3, then the value of the largest angle is: Ans √ 1.80° X 2. 120° X 3. 60° X 4. 100° Question ID: 630680195554 Option 1 ID: 630680758686 Option 2 ID: 630680758687 Option 3 ID: 630680758688 Option 4 ID: 630680758685 Status : Answered Chosen Option : 1

Q.20 What is the total surface area of a cone whose curved surface area is 550 cm² and radius is 7 cm? (Take $\pi = \frac{22}{7}$)

Ans

- √ 1. 704.00 cm²
- X 2. 714.05 cm²
- X 3. 682.60 cm²
- X 4. 764.71 cm²

Question ID: 630680421485
Option 1 ID: 6306801644404
Option 2 ID: 6306801644406
Option 3 ID: 6306801644405
Option 4 ID: 6306801644403
Status: Not Answered

Chosen Option : --

Q.21 One pipe can fill a tank four times as fast as another pipe. If together the two pipes can fill the tank in 48 minutes, the slower pipe alone will be able to fill the tank in:

Ans

- 1. 240 minutes
- X 2. 144 minutes
- X 3. 192 minutes
- X 4. 288 minutes

Question ID: 630680382679
Option 1 ID: 6306801491632
Option 2 ID: 6306801491634
Option 3 ID: 6306801491631
Option 4 ID: 6306801491633

Status : **Answered** Chosen Option : **3**

Q.22 Study the given table and answer the question that follows.

The following table shows the percentage distribution of students in four different schools during the years 2021-22.

	Schools				
Year	School 1	School 2	School 3	School 4	
2021	28	25	24	23	
2022	27	28	23	22	

If there was a total number of 16,000 and 18,000 students during the years 2021 and 2022 respectively, then the difference in number of students in school 4 in 2022 with respect to 2021 is:

Ans

- X 1. 380
- **X** 2. 180
- **X** 3. 240
- **4**. 280

Question ID: 630680428201

Option 1 ID: 6306801670849

Option 2 ID: **6306801670850**

Option 3 ID: 6306801670851

Option 4 ID: 6306801670848

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

Q.23 In a room, there are some chairs and some people. If on each chair, only one person is seated, then there is no chair for exactly one person. If on each chair, two persons sit, then there is one vacant chair. What is the number of chairs in the room?

Ans

X 3. 4

Question ID: 630680285461 Option 1 ID: 6306801109812 Option 2 ID: 6306801109811 Option 3 ID: 6306801109813 Option 4 ID: 6306801109814

Status: Not Answered

Chosen Option: --

Q.24 For triangles, which of the following statement(s) are true?

- (a) Sum of interior angles is 180°.
- (b) All interior angles can't be equal.
- (c) Can have at the most one obtuse angle.
- (d) Sum of two sides may or may not be equal to the third side.

Ans X 1. (a) and (b)

X 2. (a), (b) and (d)

√ 3. (a) and (c)

X 4. (b), (c) and (d)

Question ID: 630680419461 Option 1 ID: 6306801636532 Option 2 ID: 6306801636534 Option 3 ID: 6306801636535 Option 4 ID: 6306801636533

Status : Answered Chosen Option: 1

Q.25 Two successive percentage decrease of 25% each is by what percentage less than two successive percentage increase of 25% each? (Round to two decimal places.)

Ans X 1. 50%

2. 22.22%

X 3. 43.75%

X 4. 56.25%

Question ID: 630680428004 Option 1 ID: 6306801670063 Option 2 ID: 6306801670060 Option 3 ID: 6306801670061 Option 4 ID: 6306801670062 Status: Answered

Chosen Option: 3

Section: English Comprehension

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence.

Ranveer never has the habit of making a beeline for his academic activities.

Ans X 1. behaving abnormally

X 2. immediately responding to things

3. going straight and quick

X 4. selecting inconsiderately

Question ID: 630680206945
Option 1 ID: 630680802379
Option 2 ID: 630680802382
Option 3 ID: 630680802380
Option 4 ID: 630680802381
Status: Answered

Chosen Option: 3

Q.2 Select the option that expresses the given sentence in passive voice.

Rohit did not slap Kunal.

Ans 1. Kunal was not slapped by Rohit.

X 2. Kunal had not been slapped by Rohit.

X 3. Kunal was not being slapped by Rohit.

X 4. Kunal has not been slapped by Rohit.

Question ID: 630680415136 Option 1 ID: 6306801619293 Option 2 ID: 6306801619292 Option 3 ID: 6306801619294 Option 4 ID: 6306801619291

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

Q.3 Parts of the following sentence have been given as options. Select the option that contains an error.

The teacher asked him not to keep disturbing the class, but it had no affect.

Ans X 1. him not to keep

X 2. The teacher asked

3. but it had no affect.

X 4. disturbing the class,

Question ID : 630680296392 Option 1 ID : 6306801153237 Option 2 ID : 6306801153236 Option 3 ID : 6306801153239

Option 4 ID : **6306801153238** Status : **Answered**

Q.4 Select the most appropriate ANTONYM of the underlined word in the following sentence. I do not have any \underline{access} to the information in this matter. X 1. Clue X 2. Reach X 3. Doubt 4. Denial Question ID: 630680396793 Option 1 ID: 6306801547258 Option 2 ID: 6306801547256 Option 3 ID: 6306801547259 Option 4 ID: 6306801547257 Status: Answered Chosen Option: 4 Select the option that can be used as a one-word substitute for the given group of One who looks at the bright side of things/situations Ans 1. Optimist X 2. Saint X 3. Scientist X 4. Pessimist Question ID: 630680129510 Option 1 ID: 630680501658 Option 2 ID: 630680501660 Option 3 ID: 630680501661 Option 4 ID: 630680501659 Status: Answered Chosen Option: 1 Q.6 Select the most appropriate meaning of the underlined idiom. The company understood that these small protests of employees regarding low wages were just the tip of the iceberg. √ 1. A small, noticeable part of a problem, the total size of which is really much greater Ans X 2. A small, noticeable part of a problem, the total size of which is solvable X 3. A large part of a problem which is really noticeable X 4. A small, noticeable part of a problem, the total size of which is non-existent Question ID : 630680374333 Option 1 ID: 6306801458526 Option 2 ID: 6306801458524 Option 3 ID: 6306801458525 Option 4 ID: 6306801458523

Status: Answered

Q.7 Select the most appropriate ANTONYM to replace the word in brackets. The author's writing was so captivating that readers were [enthralled], while the other book left them completely uninterested. X 1. agreement X 2. interested X 3. intrigued 4. bored Question ID: 630680392950 Option 1 ID: 6306801532139 Option 2 ID: 6306801532138 Option 3 ID: 6306801532140 Option 4 ID: 6306801532141 Status: Answered Chosen Option: 2 Select the most appropriate verb / verb phrase to fill in the blank. hard for the entrance exam and received a high score. X 1. studies Ans X 2. has studied 3. studied X 4. was studied Question ID: 630680514382 Option 1 ID: 6306802010156 Option 2 ID: 6306802010153 Option 3 ID: 6306802010155 Option 4 ID: 6306802010154 Status : Answered Chosen Option: 3 Select the most appropriate synonym of the underlined word in the given sentence. Even when he was left with plenty of fortune, he lived a <u>frugal</u> life. Ans X 1. Hardworking X 2. Purposeless 3. Thrifty X 4. Extraordinary Question ID: 630680158458 Option 1 ID: 630680613359 Option 2 ID: 630680613358 Option 3 ID: 630680613357 Option 4 ID: 630680613356 Status: Answered Chosen Option: 3

Q.10 Select the most appropriate synonym of the underlined word. He was the most $\underline{\text{honest}}$ and good-hearted man that she had ever met. Ans X 1. Deceptive 2. Sincere X 3. Fake X 4. Biased Question ID: 630680131046 Option 1 ID: 630680507462 Option 2 ID: 630680507465 Option 3 ID: 630680507463 Option 4 ID: 630680507464 Status: Answered Chosen Option: 2 Q.11 Given below are four jumbled sentences. Select the option that gives their correct logical sequence. A. The world's biggest radio telescope is in Puerto Rico. B. It is called Arecibo dish. C. It was built 40 years ago. D. It is also 300 metres across. Ans ✓ 1. ABDC X 2. DCAB X 3. CBDA X 4. DCBA Question ID: 630680374761 Option 1 ID: 6306801460212 Option 2 ID: 6306801460211 Option 3 ID: 6306801460214 Option 4 ID: 6306801460213 Status: Answered Chosen Option : 1 Q.12 Select the most appropriate ANTONYM of the underlined word in the given sentence. This library building is very <u>high</u> and has 25 floors. X 1. Hale 2. Low X 3. Sturdy X 4. Elevated Question ID: 630680395343 Option 1 ID: 6306801541579 Option 2 ID: 6306801541578 Option 3 ID: 6306801541576 Option 4 ID: 6306801541577 Status: Answered Chosen Option: 2

- Q.13 In the given question, a statement divided into different segments is given. Rearrange all the segments to form a coherent statement.
 - O: that the Soviet army had liberated
 - P: from the fascist forces came under
 - Q: the east European countries
 - R: the control of the USSR
 - S: after the Second World War

Ans X 1. SROPQ

✓ 2. SQOPR

X 3. POSQR

X 4. POQSR

Question ID: 630680383221
Option 1 ID: 6306801493792
Option 2 ID: 6306801493791
Option 3 ID: 6306801493794
Option 4 ID: 6306801493793
Status: Answered

Chosen Option : 2

Q.14 Select the sentence that contains a spelling error.

Ans X 1. The venerated singer was also secretive, moody and very intense, famous for erratic and difficult behaviour

X 2. Elephants are in trouble mainly because people desire ivory trinkets that are made of tusks, often gruesomely killing them to achieve their purpose.

X 3. Researchers recommend that pesticides should not be used indiscriminately as they
eliminate biodiversity for future generations.

✓ 4. Journalism is often the work of painstaking rigour and perseverence that detail the socio-political experiences of our worlds.

Question ID: 630680409935 Option 1 ID: 6306801598571 Option 2 ID: 6306801598569 Option 3 ID: 6306801598570 Option 4 ID: 6306801598572

Status: Answered

Chosen Option : 2

Q.15 Select the option that expresses the given sentence in passive voice. Will you give me an independent project?

Ans X 1. Would an independent project be given?

X 2. Would I be given an independent project?

X 4. Will you be given an independent project by me?

Question ID: 630680196346 Option 1 ID: 630680761766 Option 2 ID: 630680761765 Option 3 ID: 630680761764 Option 4 ID: 630680761763

Status : Answered

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.

RN Right's literary works helped redefine discussions $\underline{\text{in race relations in America}}$ in the mid-20th century.

Ans X 1. to race relations in America

X 2. beside race relations in America

3. of race relations in America

X 4. by race relations in America

Question ID: 630680147490
Option 1 ID: 630680570730
Option 2 ID: 630680570731
Option 3 ID: 630680570733
Option 4 ID: 630680570732

Status: Answered

Chosen Option : 4

Q.17 Select the most appropriate ANTONYM of the given word.

Ans 🗳 1. Scarce

X 2. Just

X 3. Prompt

X 4. Humble

Question ID: 630680297865 Option 1 ID: 6306801158860 Option 2 ID: 6306801158859 Option 3 ID: 6306801158862 Option 4 ID: 6306801158861

Status : Not Answered Chosen Option : --

Q.18 Select the option that can be used as a one-word substitute for the underlined group of words

His parents didn't allow him to enrol in the arts college because he is a <u>dabbler in arts</u>, <u>science or literature</u>.

Ans X 1. Taciturn

X 2. Connoisseur

3. Dilettante

X 4. Ignoramus

Question ID: 63068071416
Option 1 ID: 630680276210
Option 2 ID: 630680276212
Option 3 ID: 630680276211
Option 4 ID: 630680276213

Status : Answered

0 19	0.19 Select the INCORRECTLY spelt word.					
Ans	·					
	X 2. Accommodate					
	X 3. Possession					
	√ 4. Recieve					
		Question ID : 630680377266				
		Option 1 ID : 6306801470130				
		Option 2 ID : 6306801470127				
		Option 3 ID : 6306801470128				
		Option 4 ID : 6306801470129				
		Status : Answered				
		Chosen Option : 3				
0.20	Select the most appropriate option that can substitute the underline	d coment in the				
Q.20	given sentence.					
	The chair I have bought recently is costly than what I bought last ye	ar.				
Ans	X 1. will be costly					
	✓ 2. is costlier					
	X 3. was costly					
	X 4. is the costliest					
		Question ID : 630680176604				
		Option 1 ID : 630680684637				
		Option 2 ID : 630680684638				
		Option 3 ID : 630680684636				
		Option 4 ID : 630680684639 Status : Answered				
		Chosen Option : 3				
	Comprehension:					
	In the following passage, some words have been deleted. Read the pass	age carefully and				
	select the most appropriate option to fill in each blank.					
	2022 sees us entering a third year of the pandemic, and the harm 1	children is				
	increasingly evident: A record rise in child poverty. Setbacks to progress vaccinations. Disruption to education for entire generation. That harm 3	on 2 as an				
	unintended side effect of the world's efforts to manage the crisis. COVID	has been a uniquely				
	dis-equalizing crisis. Lopsided 4 vaccines aside, learning losse among poorest children, and job losses have been disproportionately bo					
	youth. What next for the world's children in the year ahead? As in the pa	st two				
	years, prospects for children will continue to hinge 5 on the parmanaged.	ndemic and how it is				
0.04	SubQuestion No : 21					
Ans	Select the most appropriate option to fill in blank No. 1. 1. seems to					
Alla						
	2. done to					
	× 3. did to					
	× 4. does to					
		Question ID : 630680146992				
		Option 1 ID : 630680568805				
		Option 2 ID : 630680568802				

Question ID: 630680146992
Option 1 ID: 630680568805
Option 2 ID: 630680568802
Option 3 ID: 630680568803
Option 4 ID: 630680568804
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.					
	2022 sees us entering a third year of the pandemic, and the harm 1 children is increasingly evident: A record rise in child poverty. Setbacks to progress on 2 vaccinations. Disruption to education for entire generation. That harm 3 as an unintended side effect of the world's efforts to manage the crisis. COVID has been a uniquely dis-equalizing crisis. Lopsided 4 vaccines aside, learning losses have been greatest among poorest children, and job losses have been disproportionately borne by women and youth. What next for the world's children in the year ahead? As in the past two years, prospects for children will continue to hinge 5 on the pandemic and how it is managed.					
	SubQuestion No : 22					
Q.22	Select the most appropriate option to fill in blank No. 2.					
Ans	s X 1. irregular					
	✓ 2. routine					
	X 3. different					
	X 4. similar					
	·					
	Question ID : 6306801469 Option 1 ID : 6306805688 Option 2 ID : 6306805688					
		Option 3 ID : 630680568808				
		Option 4 ID : 630680568807				
	Status : Answered Chosen Option : 2					
		энгэн эрингэ				
	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.					
	2022 sees us entering a third year of the pandemic, and the harm 1increasingly evident: A record rise in child poverty. Setbacks to progress vaccinations. Disruption to education for entire generation. That harm 3_unintended side effect of the world's efforts to manage the crisis. COVID dis-equalizing crisis. Lopsided 4 vaccines aside, learning loss among poorest children, and job losses have been disproportionately be youth. What next for the world's children in the year ahead? As in the payears, prospects for children will continue to hinge 5 on the paymanaged.	on 2as an has been a uniquely es have been greatest orne by women and ast two				
	SubQuestion No : 23					

Q.23 Select the most appropriate option to fill in blank No. 3.

Ans X 1. have emerged

X 2. had emerged

X 4. was emerged

Question ID : 630680146994 Option 1 ID: 630680568811 Option 2 ID: 630680568810 Option 3 ID: 630680568813

Option 4 ID : 630680568812 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.					
	2022 sees us entering a third year of the pandemic, and the harm 1 children is increasingly evident: A record rise in child poverty. Setbacks to progress on 2 vaccinations. Disruption to education for entire generation. That harm 3 as an unintended side effect of the world's efforts to manage the crisis. COVID has been a uniquely dis-equalizing crisis. Lopsided 4 vaccines aside, learning losses have been greatest among poorest children, and job losses have been disproportionately borne by women and youth. What next for the world's children in the year ahead? As in the past two years, prospects for children will continue to hinge 5 on the pandemic and how it is managed.					
	SubQuestion No : 24					
Q.24	24 Select the most appropriate option to fill in blank No. 4.					
Ans	ns X 1. seems to					
	X 2. keeps to					
	X 3. assess to					
	✓ 4. access to					
	4. access to					
	Question ID : 630680146995					
	Option 1 ID : 630680568817					
		Option 2 ID: 630680568816				
	Option 3 ID : 630680568814 Option 4 ID : 630680568815					
		Status : Answered				
		Chosen Option : 4				
	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.					
	2022 sees us entering a third year of the pandemic, and the harm 1 children is increasingly evident: A record rise in child poverty. Setbacks to progress on 2 vaccinations. Disruption to education for entire generation. That harm 3 as an unintended side effect of the world's efforts to manage the crisis. COVID has been a uniquely dis-equalizing crisis. Lopsided 4 vaccines aside, learning losses have been greatest among poorest children, and job losses have been disproportionately borne by women and youth. What next for the world's children in the year ahead? As in the past two years, prospects for children will continue to hinge 5 on the pandemic and how it is managed.					
	SubQuestion No : 25					
Q.25	2.25 Select the most appropriate option to fill in blank No. 5.					
Ans	ns X 1. minor					
	✓ 2. foremost					

X 3. almost X 4. most

Question ID : 630680146996 Option 1 ID : 630680568821 Option 2 ID : 630680568818 Option 3 ID : 630680568820 Option 4 ID : 630680568819

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