Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/09/2024
Exam Time	12:30 PM - 1:30 PM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 In a certain code language,

'A + B' means 'A is the mother of B';

'A - B' means 'A is the brother 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 A related to D if 'A \times B \div C + D'?

Ans X 1. Father's mother

X 2. Mother's father

X 3. Father's father

4. Mother's mother

Question ID: 630680300379 Option 1 ID: 6306801168417

Option 2 ID: 6306801168416 Option 3 ID: 6306801168415

Option 4 ID: 6306801168418

Status: Answered

Chosen Option: 4

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

 $272 \times 16 + 97 - 23 \div 4 = ?$

Ans X 1. 22

2. 12

X 3. 2

X 4. 21

Question ID: 630680336423

Option 1 ID: 6306801308414

Option 2 ID: 6306801308413 Option 3 ID: 6306801308415

Option 4 ID: 6306801308416

Status: Answered

Q.3 Select the number that will come in the place of the question mark (?), if '+' and ' – ' are interchanged and ' \times ' and ' \div ' are interchanged 121 \times 11 – 28 \div 3 + 17 = ?

Ans 🚀 1. 78

X 2. 91

X 3. 64

X 4. 85

Question ID: **630680163583**Option 1 ID: **630680633517**Option 2 ID: **630680633519**

Option 3 ID: **630680633516** Option 4 ID: **630680633518**

Status: Answered

Chosen Option : 1

Q.4 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

(7, 333)

(5, 115)

(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. (3, 24)

X 2. (6, 226)

X 3. (8, 492)

4. (4, 54)

Question ID: 630680329211

Option 1 ID: 6306801280667

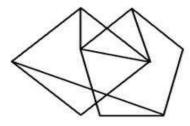
Option 2 ID: 6306801280666

Option 3 ID: 6306801280668

Option 4 ID : **6306801280665** Status : **Answered**

Chosen Option: 4

Q.5 How many triangles are there in the given figure?



Ans X 1. 11

X 2.7

X 3. 9

4. 8

Question ID : 630680295188

Option 1 ID : 6306801148479

Option 2 ID: 6306801148476

Option 3 ID: 6306801148477

Option 4 ID: 6306801148478

Status : Answered

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M a 3 7 c F

Mg37ck.1X and

Ma37cF.2V

Wa37cF.EX

Ma78cF.4X

Question ID : 630680356653 Option 1 ID : 6306801388616 Option 2 ID : 6306801388614 Option 3 ID : 6306801388613 Option 4 ID : 6306801388615

Status : Answered

Chosen Option: 2

Q.7 Each of the letters in the word 'SLANTED' is arranged in the English alphabetical order. How many letters are there in the English alphabetical series between the letter which is fourth from the left end and the one which is second from the right end in the new letter-cluster thus formed?

Ans

√ 1. Six

X 2. Eight

X 3. Five

X 4. Seven

Question ID: 630680327767

Option 1 ID: 6306801275058

Option 2 ID: 6306801275060

Option 3 ID: 6306801275057

Option 4 ID : 6306801275059

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

Q.8 In a certain code language, 'HIT' is coded as '132' and 'SBYZ' is coded as '144'. How will 'YRF' be coded in that language?

Ans X 1. 108

X 2. 124

X 3. 112

4. 96

Question ID: 630680416286

Option 1 ID: 6306801623907

Option 2 ID: 6306801623909

Option 3 ID : 6306801623910

Option 4 ID : **6306801623908** Status : **Answered**

Q.9 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.)

7-14-28-38; 4-8-16-26

Ans X 1.6 – 12 – 24 – 36

✓ 2. 13 − 26 − 52 − 62

X 3.8 - 16 - 32 - 40

X 4. 15 - 25 - 50 - 60

Question ID : 630680814085

Option 1 ID : **6306803189557** Option 2 ID : **6306803189560**

Option 3 ID: 6306803189558 Option 4 ID: 6306803189559

Status : Answered

Chosen Option: 2

Q.10 Select the set in which the numbers are related to each other in the same way as are the numbers of the given sets.

(28, 224); (47, 376)

(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 1. (31, 248)

X 2. (22, 178)

X 3. (19, 212)

X 4. (24, 168)

Question ID: 630680319357

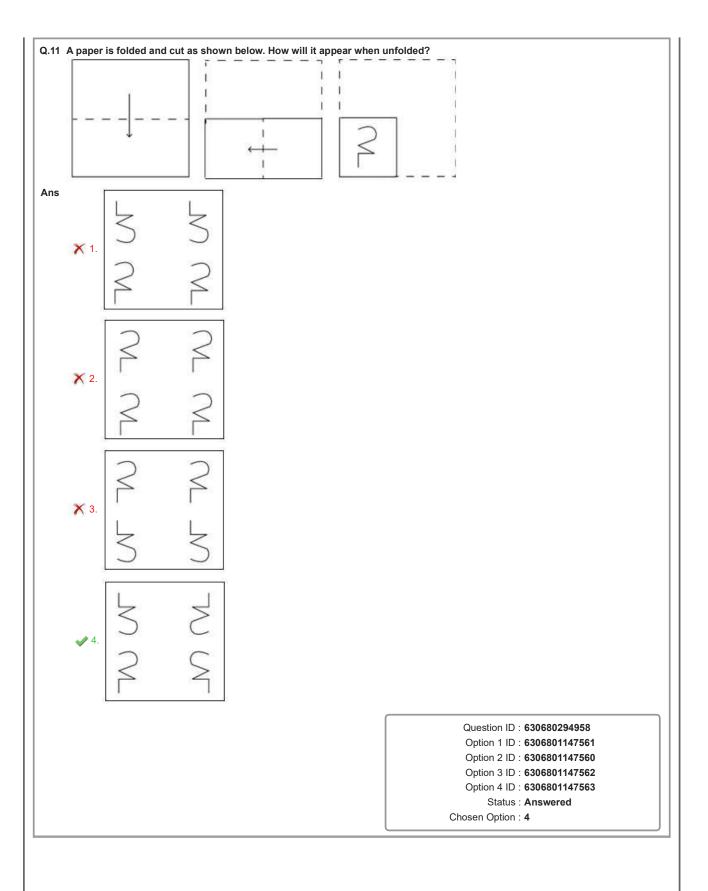
Option 1 ID: 6306801242334

Option 2 ID: 6306801242333

Option 3 ID: 6306801242335

Option 4 ID: 6306801242336

Status : Answered



Q.12 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that DOES NOT belong

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

Ans

X 1. HGF

X 2. VUT

X 3. KJI

4. AAY

Question ID: 630680812265

Option 1 ID: 6306803182512 Option 2 ID: 6306803182510

Option 3 ID: 6306803182511 Option 4 ID: 6306803182509

Status: Answered

Chosen Option: 4

Q.13 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. YWT

X 2. XVS

X 4. ZXU

Question ID: 630680195788

Option 1 ID: 630680759604

Option 2 ID: 630680759605

Option 3 ID: 630680759606

Option 4 ID: 630680759603 Status: Answered

Chosen Option: 3

Q.14 Which of the following numbers will replace the question mark (?) in the given series? 20, 25, 25, 35, 30, 45, ?, 55, 40

Ans X 1. 60

2. 35

X 3. 50

X 4. 30

Question ID: 630680411883

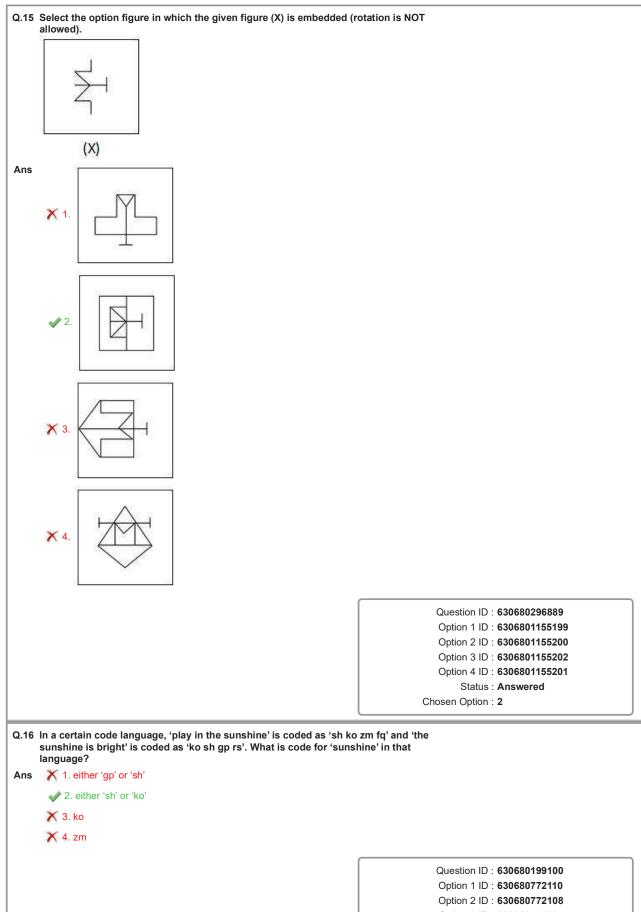
Option 1 ID: 6306801606368

Option 2 ID: 6306801606369

Option 3 ID: 6306801606367

Option 4 ID: 6306801606370

Status: Answered



Option 3 ID: 630680772107 Option 4 ID: 630680772109 Status: Answered

Q.17 Three of the following numbers are alike in a certain way and one is different. Pick the odd one out.

(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.) weerbb

Ans X 1. 11 – 363

√ 2. 15 – 450

X 3. 13 - 507

X 4.9 - 243

Question ID: 630680389581 Option 1 ID: 6306801518785 Option 2 ID: 6306801518783 Option 3 ID: 6306801518782

Option 4 ID : **6306801518784**

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

Q.18 'डटे रहना' (Persist),'दृढ़ रहना' (Endure) से उसी प्रकार संबंधित है, जिस प्रकार 'टालना' (Stall) ' से संबंधित है।

Ans 🧳 1. स्थगित करना (Delay)

🗶 २. उन्नित करना (Progress)

🗶 3. शिकायत करना (Complain)

🗶 4. आगे बढ़ना (Surge)

Question ID: 630680416709 Option 1 ID: 6306801625602 Option 2 ID: 6306801625600 Option 3 ID: 6306801625599 Option 4 ID: 6306801625601

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

Q.19 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

CARBON: ACIYNO:: DAMAGE: ADNZEG:: MARGIN:?

Ans X 1. MARGNI

2. AMITNI

X 3. MATINI

X 4. AMGRNI

Question ID: 630680416199

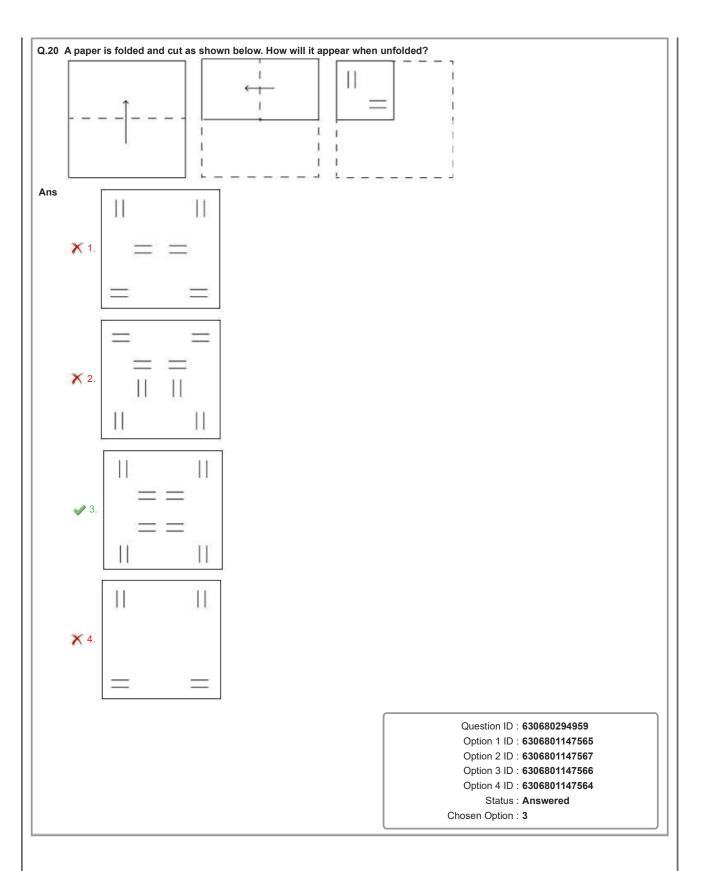
Option 1 ID: 6306801623559

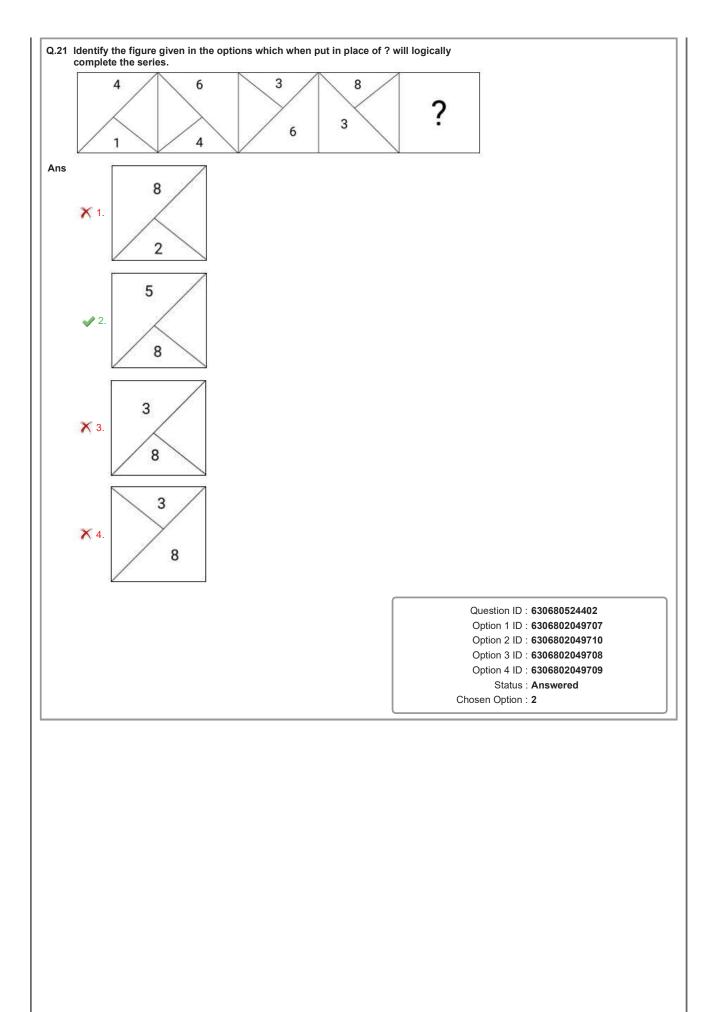
Option 2 ID : 6306801623560

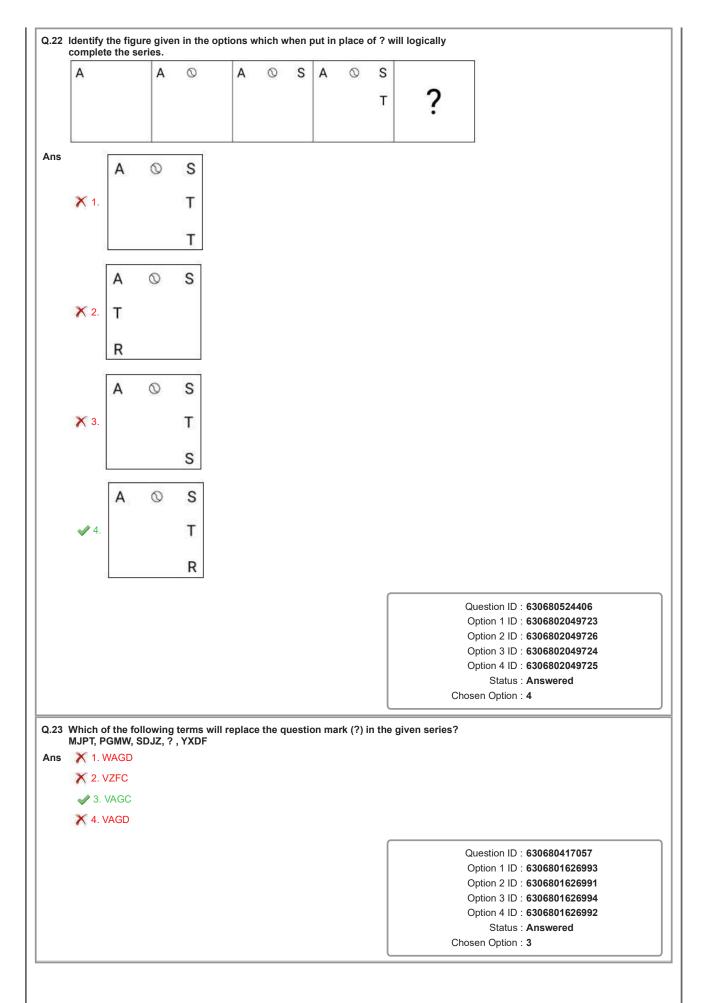
Option 3 ID: 6306801623562

Option 4 ID: 6306801623561

Status: Answered







Q.24 Select the option that represents the letters that when placed from left to right in the blanks below will complete the given letter series. LMN_OLLM_QOLL_NQO_LMNQ_LLM Ans X 1. QLMNO

2. QNMLO

X 3. NQLMO

X 4. QMNLO

Question ID: 630680416267 Option 1 ID: 6306801623834 Option 2 ID: 6306801623832 Option 3 ID: 6306801623833 Option 4 ID: 6306801623831 Status: Answered

Chosen Option: 2

Q.25 In a certain code language, 'TRIED' is coded as '54123' and 'TREAD' is coded as '12365'. What is the code for 'I' in the given code language?

Ans X 1.5

X 2. 1

X 3.6

4.4

Question ID: 630680797072 Option 1 ID: 6306803123246 Option 2 ID: 6306803123244 Option 3 ID: 6306803123247 Option 4 ID: 6306803123245 Status: Answered

Chosen Option: 4

Section: General Awareness

Q.1 How was the growth in all food grains after the Green Revolution?

Ans X 1. Unpredictable

X 2. Proportionate

3. Disproportionate

X 4. Unitary

Question ID: 630680410839 Option 1 ID: 6306801602113 Option 2 ID: 6306801602111 Option 3 ID: 6306801602112 Option 4 ID: 6306801602114

Status: Not Answered

Q.2 Which of the following is NOT a feature of the Constitution of India? Ans X 1. Independent Judiciary X 2. Universal Adult Franchise 3. Dual Citizenship 4. Blend of rigidity & flexibility Question ID: 630680329440 Option 1 ID: 6306801281502 Option 2 ID: 6306801281503 Option 3 ID: 6306801281504 Option 4 ID: 6306801281501 Status: Answered Chosen Option: 3 Q.3 Which of the following is an example of major industrial region of India? Ans X 1. Bhojpur-Munger 2. Chota Nagpur region X 3. Bilaspur-Korba X 4. Jaipur- Ajmer Question ID: 630680327629 Option 1 ID: 6306801274514 Option 2 ID: 6306801274513 Option 3 ID: 6306801274516 Option 4 ID: 6306801274515 Status: Answered Chosen Option: 4 Q.4 What correctly defines change of inventories of a firm during a year? Ans X 1. Sale of the firm during the year – Production of the firm during the year X 2. Production of the firm during the previous year – Sale of the firm during the year 💢 4. Production of the firm during the year – Sale of the firm during the previous year Question ID: 630680127433 Option 1 ID: 630680493995 Option 2 ID: 630680493993 Option 3 ID: 630680493992 Option 4 ID: 630680493994 Status: Not Answered Chosen Option: --Q.5 Chariot festival is dedicated to Lord Jagannath along with Subhadra and ______. Ans X 1. Hanuman X 2. Sudama 3. Balabhadra

X 4. Arjuna

Question ID: 630680160208 Option 1 ID: 630680620206 Option 2 ID: 630680620205 Option 3 ID: 630680620204 Option 4 ID: 630680620207 Status: Answered

	'Padayani', a local dance form primarily performed in to please Goddess Bhadrakali.		
Ans	. 🚀 1. Kerala		
	X 2. Odisha		
	X 3. Assam		
	X 4. West Bengal		
			630680309152
		·	6306801202787
			: 6306801202788 : 6306801202786
			: 6306801202785
			: Not Answered
		Chosen Option :	:
2.7	Which of the following rivers is an east flowing river?		
ns	✓ 1. Godavari river		
	X 2. Narmada river		
	X 3. Mahi river		
	X 4. Tapi river		
			630680401704
			: 6306801566590 : 6306801566593
			: 6306801566591
			6306801566592
			Answered
		Chosen Option :	: 1
Q.8	Filtration of waste products in humans happens in the kidneys. Th number of filtration units present inside the kidneys to help them i These filtration units are called:		
	number of filtration units present inside the kidneys to help them i These filtration units are called:		
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules		
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli		
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons		
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli		
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons	n doing this job.	: 630680517184
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons	Question ID :	6306802021134
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons	Question ID : Option 1 ID : Option 2 ID :	: 6306802021134 : 6306802021132
Q.8	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons	Question ID : Option 1 ID : Option 2 ID : Option 3 ID :	: 6306802021134 : 6306802021132 : 6306802021135
	number of filtration units present inside the kidneys to help them i These filtration units are called: 1. Bowman's capsules 2. alveoli 3. nephrons	Question ID : Option 1 ID : Option 2 ID : Option 3 ID : Option 4 ID :	: 6306802021134 : 6306802021132 : 6306802021135 : 6306802021133 : Answered

Which number is called Avogadro's constant, named after the 19th century scientist Amedeo Avogadro?

Ans

X 1. 6.032 × 10¹⁹

 \times 2. 6.012 × 10²¹

√ 3. 6.022 × 10²³

 \times 4. 6.020 × 10²⁰

Question ID: 630680302887 Option 1 ID: 6306801178212 Option 2 ID: 6306801178213 Option 3 ID: 6306801178211 Option 4 ID: 6306801178210

Status: Answered Chosen Option: 3

Q.10 The Epidemic Diseases (Amendment) Ordinance, 2020 amended which of the following Acts?

Ans X 1. The Epidemic Diseases Act, 1890

X 2. The Epidemic Diseases Act, 1892

X 3. The Epidemic Diseases Act, 1895

√ 4. The Epidemic Diseases Act, 1897

Question ID: 630680139322 Option 1 ID: 630680539362 Option 2 ID: 630680539363 Option 3 ID: 630680539365 Option 4 ID: 630680539364

Status: Not Answered

Chosen Option: --

Q.11 Which Indian political leader was called as Lok Nayak?

Ans X 1. Ram Manohar Lohia

2. Jai Prakash Narayan

X 3. Subhash Chandra Bose

X 4. Bal Gangadhar Tilak

Question ID: 630680511494

Option 1 ID: 6306801999100

Option 2 ID: 6306801999099

Option 3 ID: 6306801999098 Option 4 ID: 6306801999101

Status: Answered

Sikkim?	
*	
× 4.50	
	Out of the ID + 000000440004
	Question ID : 630680413081 Option 1 ID : 6306801611148
	Option 2 ID : 6306801611149
	Option 3 ID : 6306801611150
	Option 4 ID : 6306801611147
	Status : Not Answered
	Chosen Option :
India?	political parties in
X 2. A political party symbol is assigned by the President of India.	
3. India has a multi-party system classified as national, state or	regional level.
X 4. Status of party is accorded by the Parliament.	
	Question ID : 630680157584
	Option 1 ID : 630680609866 Option 2 ID : 630680609867
	Option 3 ID : 630680609864
	Option 4 ID : 630680609865
	Status : Answered
	Chosen Option : 3
Which of the following kingdoms was divided into subdivisions of	called Aharas or
Rashtras that meant districts?	
√ 1. Satavahana	
X 2. Kushana	
X 3. Parthian	
X 3. Parthian	
X 3. Parthian X 4. Shaka	
	0 11 10 20000440747
	Question ID : 630680412515
	Option 1 ID: 6306801608884
	Option 1 ID : 6306801608884 Option 2 ID : 6306801608883
	Option 1 ID : 6306801608884 Option 2 ID : 6306801608883 Option 3 ID : 6306801608886
	Option 1 ID : 6306801608884 Option 2 ID : 6306801608883
	 1. All parties are registered with the Supreme Court of India. 2. A political party symbol is assigned by the President of India. 3. India has a multi-party system classified as national, state or 4. Status of party is accorded by the Parliament. Which of the following kingdoms was divided into subdivisions of Rashtras that meant districts?

Q.15 Raja Bhalindra Singh trophy is associated with which of the following national sports events?

Ans

- 1. National Games
- X 2. Khelo India University Games
- X 3. Khelo India Youth Games
- X 4. Khelo India Winter Games

Question ID: 630680510810 Option 1 ID: 6306801996370 Option 2 ID: 6306801996373 Option 3 ID: 6306801996371 Option 4 ID: 6306801996372 Status: Not Answered

Chosen Option: --

Q.16 The renowned ghazal singer Girija Devi was born in ___

- Ans X 1. Bihar
 - X 2. Punjab
 - X 3. Karnataka

4. Uttar Pradesh

Question ID: 630680164564 Option 1 ID: 630680637375 Option 2 ID: 630680637372 Option 3 ID: 630680637374 Option 4 ID: 630680637373 Status: Answered

Chosen Option: 4

Q.17 Which Indian musician from Maharashtra received the Padma Vibhushan 2023?

- 1. Zakir Hussain
- X 2. Milind Date
- X 3. Ramdas Palsule
- X 4. Bharat Kamat

Question ID: 630680511791 Option 1 ID: 6306802000136 Option 2 ID: 6306802000135 Option 3 ID: 6306802000137 Option 4 ID: 6306802000134

Status: Answered

Chosen Option: 1

Q.18 Which of the following is a landlocked Salt Lake in South-West Asia between Israel and Jordan?

Ans X 1. Don Juan Pond

2. Dead Sea

X 3. Caspian Sea

X 4. Aral Sea

Question ID: 630680144815 Option 1 ID: 630680560303 Option 2 ID: 630680560302 Option 3 ID: 630680560305 Option 4 ID: 630680560304 Status: Answered

Q.19 The Daroga system in 1792 was introduced by whom among the following Governor-Generals in India? Ans X 1. Lord Minto 2. Lord Cornwallis X 3. Lord Mayo X 4. Lord William Bentinck Question ID: 630680412331 Option 1 ID: 6306801608147 Option 2 ID: 6306801608149 Option 3 ID: 6306801608150 Option 4 ID: 6306801608148 Status: Answered Chosen Option: 2 Q.20 Three Indians were featured in Time Magazine's list of '100 most influential people of 2021'. Whose name was NOT included in the list? Ans X 1. Mamata Banerjee 2. Amitabh Bachchan X 3. Narendra Modi X 4. Adar Poonawalla Question ID: 630680115310 Option 1 ID: 630680446591 Option 2 ID: 630680446593 Option 3 ID: 630680446590 Option 4 ID: 630680446592 Status: Answered Chosen Option: 2 Q.21 _, authored by Tolkappiyar is the earliest Tamil literature. Ans X 1. Narrinai 🥒 2. Tolkappiyam X 3. Kalittogai X 4. Ettutogai Question ID: 630680412283 Option 1 ID: 6306801607957 Option 2 ID: 6306801607956 Option 3 ID: 6306801607958 Option 4 ID: 6306801607955 Status: Answered Chosen Option: 2 Q.22 Sports Authority of India comes under which ministry? ✓ 1. Ministry of Youth Affairs and Sports X 2. Ministry of Health and Family Welfare X 3. Ministry of Education X 4. Ministry of Social Justice Question ID: 630680339375 Option 1 ID: 6306801320070 Option 2 ID: 6306801320071 Option 3 ID: 6306801320072

Option 4 ID : **6306801320069** Status : **Answered**



Question ID: 630680409646
Option 1 ID: 6306801597414
Option 2 ID: 6306801597416
Option 3 ID: 6306801597413
Option 4 ID: 6306801597415
Status: Answered

Chosen Option: 4

Q.25 Which branch of ecology deals with the characteristics of ancient environment and their relationship with ancient plants and animals?

Ans X 1. Demecology

X 2. Mycology

X 3. Ichthyology

4. Paleoecology

Question ID : 630680407456 Option 1 ID : 6306801588762 Option 2 ID : 6306801588764 Option 3 ID : 6306801588763 Option 4 ID : 6306801588765

Status : Answered

Chosen Option: 4

Section : Quantitative Aptitude

From the given data, find the ratio of the cost prices of a shirt and a trouser.

Item	Selling Price	Profit
Shirt	₹1,200	20%
Trouser	₹660	10%

Ans X 1.2:1

X 2.3:4

X 3.1:3

4. 5 : 3

Question ID: 630680428090

Option 1 ID: 6306801670405 Option 2 ID: 6306801670407

Option 3 ID: 6306801670404 Option 4 ID: 6306801670406

Status: Answered

Chosen Option: 4

Simplify.

$$\frac{(7.3)^3 - (4.7)^3}{(7.3)^2 + 7.3 \times 4.7 + (4.7)^2}$$

Ans X 1. 3.2

2. 2.6

X 3. 11

X 4. 12

Question ID: 630680413476

Option 1 ID: 6306801612729

Option 2 ID: 6306801612731

Option 3 ID: 6306801612728 Option 4 ID: 6306801612730

Status: Answered

Chosen Option: 2

Q.3 After offering two successive discounts a toy with a marked price of ₹150 is sold at ₹105. If the value of the first discount is 12.5%, what is the value of the second discount?

Ans X 1. 18%

2. 20%

X 3. 21%

X 4. 22%

Question ID: 630680218766

Option 1 ID: 630680848971

Option 2 ID: 630680848972

Option 3 ID: 630680848973

Option 4 ID: 630680848974

Status : Answered

Q.4

If $x + \frac{1}{x} = 2$, then find the value of $\left(x^{2723} + \frac{1}{x^{2256}}\right)$.

Ans X 1. -1

...

X 2. 1

X 3. 0

4. 2

Question ID: 630680413474

Option 1 ID: 6306801612723 Option 2 ID: 6306801612721

Option 3 ID : **6306801612721**

Option 4 ID: 6306801612720

Status: Answered

Chosen Option : 4

Find the value of $\frac{\tan 55^{\circ}}{\cot 35^{\circ}}$

Ans 🗳 1. 1

X 2. sec550

X 3. **0**

× 4. cos350

Question ID: 630680402545

Option 1 ID: 6306801569751

Option 2 ID: 6306801569753

Option 3 ID: 6306801569752

Option 4 ID: 6306801569754

Status : **Answered**

Chosen Option : 1

Q.6 In a \triangle PQR, PQ = PR and PT is perpendicular to QR. If PQ = 17 cm, PT = 15 cm, then what is the measure (in cm) of QR?

Ans X 1.8

X 2.32

X 3. 24

4. 16

Question ID: 630680526542

Option 1 ID: 6306802058234

Option 2 ID: 6306802058237

Option 3 ID: 6306802058236

Option 4 ID: 6306802058235

Status: Answered

Q.7 If arcs PAQ and RBS of a circle are congruent, then find the ratio of PQ and RS.

Ans X 1.1:3

X 2.2:3

3.1:1

X 4.1:2

Question ID : 630680198933

Option 1 ID: 630680771462

Option 2 ID: 630680771461

Option 3 ID: **630680771459** Option 4 ID: **630680771460**

Status : Answered

Chosen Option: 3

Simplify. $\frac{\sin A}{1+\cos A}$ + cotA, where A is an acute angle.

Ans X 1. sinA+cosA

X 2. cosA

X 3. sinA

4. cosec A

Question ID: 630680151962

Option 1 ID: 630680587895

Option 2 ID: 630680587893

Option 3 ID: 630680587894

Option 4 ID : **630680587892** Status : **Answered**

Chosen Option: 4

Q.9 Refer the below table and answer the question that follows.

Discipline	Boys	Girls
Engineering	120	80
Medical	80	120

What percentage of students who chose medical are boys?

Ans 🗳 1. 40%

X 2.50%

X 3.45%

X 4. 30%

Question ID: 630680428111

Option 1 ID: 6306801670489

Option 2 ID: 6306801670488

Option 3 ID: 6306801670490

Option 4 ID : 6306801670491

Status : Answered

Q.10 Which of the following fractions is the largest?

2	6	79	33
3'	53′	90'	44

Ans

✓ 1.
$$\frac{79}{90}$$

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

$$\times$$
 3. $\frac{33}{44}$

$$\times$$
 4. $\frac{6}{53}$

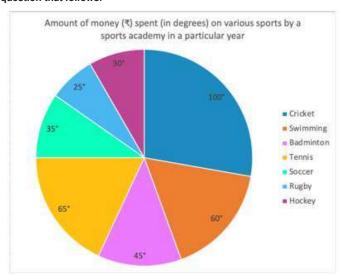
Question ID: 630680797476

Option 1 ID: 6306803124860 Option 2 ID: 6306803124861 Option 3 ID: 6306803124863 Option 4 ID: 6306803124862

Status: Answered

Chosen Option: 1

Q.11 The given pie chart shows the amount of money (₹) spent (in degrees) on various sports by a sports academy in a particular year. Study the pie chart and answer the question that follows.



If ₹42,000 were spent on Soccer, then the money spent on Badminton, Tennis and Rugby taken together is what percentage (rounded off to 2 decimal places) more/less than the money spent on Cricket, Swimming and Hockey taken together?

X 2. Less, 34.87%

X 3. More, 34.87%

X 4. More, 28.95%

Question ID: 630680387064

Option 1 ID: 6306801508968

Option 2 ID: 6306801508966

Option 3 ID: 6306801508967

Option 4 ID : **6306801508969**

Status : Answered

Q.12	In a circular race of 4800m, A and B start from the same point and at the same time with speeds of 36 km/h and 54 km/h. When will they meet again for the first time on the track if they are running in the opposite direction?		
Ans	X 1.200 second		
	X 2. 205 second		
	X 4. 178 second		
		Question ID : 630680138472	
		Option 1 ID : 630680536080 Option 2 ID : 630680536081	
		Option 3 ID : 630680536079	
		Option 4 ID : 630680536078	
		Status : Answered Chosen Option : 3	
		·	
Q.13	Q.13 Pipes A and B can fill a tank in 6 hours and 8 hours, respectively. Both pipes are opened together for 3 hours. After that pipe A is closed, and B continues to fill the tank. In how many hours will the tank be filled?		
Ans	✓ 1. 4		
	★ 2.3		
	★ 3.6		
	X 4.2		
		2 11 12 22222	
		Question ID : 630680477703 Option 1 ID : 6306801865960	
		Option 2 ID : 6306801865961	
		Option 3 ID : 6306801865963	
		Option 4 ID : 6306801865962 Status : Answered	
		Chosen Option : 1	
	Find the area (in cm²) of an equilateral triangle whose sides are 18 cm²	m.	
Ans	× 1. 77√3		
	× 2. 75√3		
	× 3. 79√3		
	4 81√3		
		Question ID : 630680421434 Option 1 ID : 6306801644200	
		Option 2 ID : 6306801644199	
		Option 3 ID : 6306801644201	
		Option 4 ID : 6306801644202 Status : Answered	
		Chosen Option : 4	

Q.15 Find the remainder, if 19²⁰⁰ is divided by 20.

Ans X 1.3

2. 1 **X** 3. −1

X 4.2

Question ID: 630680116279

Option 1 ID: 630680450434 Option 2 ID: 630680450435 Option 3 ID: 630680450436

Option 4 ID: 630680450437

Status: Answered

Chosen Option: 2

Q.16 The mean proportional of $4a^2$ and x is $\frac{1}{5a}$, where a is a positive number, then the value of x is _____.

 \times 1. $\frac{1}{100a^2}$

× 2. $\frac{1}{25a^4}$

 \times 3. $\frac{1}{25a^2}$

 \checkmark 4. $\frac{1}{100a^4}$

Question ID: 630680428707

Option 1 ID: 6306801672874 Option 2 ID: 6306801672873

Option 3 ID: 6306801672875 Option 4 ID: 6306801672872

Status: Answered

Chosen Option: 4

Q.17 In an election between two candidates, the one who gets 88% of the votes is elected by a majority of 684 votes. What is the total number of votes polled? (all polled votes are valid)

Ans X 1.850

2. 900

X 3.800

X 4. 750

Question ID: 630680428068

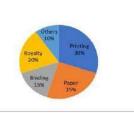
Option 1 ID: 6306801670318

Option 2 ID: 6306801670319

Option 3 ID: 6306801670317 Option 4 ID: 6306801670316

Status: Answered

Q.18 The following pie chart below shows the expenditure in book publishing by a publisher under various heads.



Given that marked price of a book is ₹270, what is the cost of paper to publish a single copy of the book if the marked price of a book is 20% more than its cost price?

Ans

√ 1. ₹56.25

X 2. ₹58.45

X 3. ₹68.75

X 4. ₹62.15

Question ID: 630680428166 Option 1 ID: 6306801670710 Option 2 ID: 6306801670711

Option 3 ID: 6306801670709 Option 4 ID: 6306801670708

Status: Answered

Chosen Option: 1

Q.19 The average weight of 10 students is increased by half a kg when one of the students weighing 51 kg is replaced by a new student. Find the weight of the new student.

Ans X 1. 45 kg

🥓 2. 56 kg

X 3.66 kg

X 4. 75 kg

Question ID: 630680397048

Option 1 ID: 6306801548251 Option 2 ID: 6306801548250

Option 3 ID: 6306801548248 Option 4 ID: 6306801548249

Status: Answered

Chosen Option: 2

Q.20 A total of ₹2,00,000 is divided into two parts for investing in different banks on simple interest. One yields 4% p.a. while the other yields 6% p.a. If the total interest at the end of one year is equivalent to 4.7% p.a. on the whole amount, the amount (in ₹) invested in each bank is ___ __, respectively.

Ans

✓ 1. 1,30,000 and 70,000

X 2. 1,20,000 and 80,000

X 3. 1,45,000 and 55,000

X 4. 1,60,000 and 40,000

Question ID: 630680392930

Option 1 ID: 6306801532058

Option 2 ID: 6306801532060

Option 3 ID: 6306801532061

Option 4 ID: 6306801532059

Status: Answered

If $\tan\theta=\frac{8}{15}$, and θ is an acute angle, then the value of $\frac{\sqrt{1-\sin\theta}}{\sqrt{1+\sin\theta}}$ is:

Ans

- × 1. = 5
- × 2.
- **X** 3.
- **√** 4. =

Question ID: 630680526476 Option 1 ID: 6306802057972 Option 2 ID: 6306802057971

Option 3 ID : **6306802057970** Option 4 ID : **6306802057973**

Status : Answered

Chosen Option: 4

Q.22 The present ages (in years) of A and B are in the ratio of 3 : 4. Five years back, the ratio of their ages was 2 : 3. What is the present age (in years) of A?

Ans X 1.28

- X 2. 21
- **3**. 15
- X 4. 20

Question ID: 630680295359

Option 1 ID: 6306801149163

Option 2 ID : **6306801149162** Option 3 ID : **6306801149160**

Option 4 ID : **6306801149161**

Status : Answered

Chosen Option: 3

Q.23 The radius of the base of a right circular cone is 9 cm and its slant height is 49 cm. Find the curved surface area of the cone.

Λne

- X 1. 1490 cm²
- × 2. 1265 cm²
- X 4. 1262 cm²

Question ID: 630680102085

Option 1 ID: 630680396698

Option 2 ID: 630680396696

Option 3 ID: 630680396697

Option 4 ID: 630680396699

Status : Answered

Q. Find the gain percentage, given that Siddhi sold her scooter for ₹71785 gaining $\frac{1}{5}$ th of the selling price. A × 1. 20% S × 2. 15% × 3. 10% • 4. 25%

Question ID : 630680922763

Option 1 ID : 6306803615899

Option 2 ID : 6306803615901

Option 3 ID : 6306803615900

Option 4 ID : 6306803615898

Status : Answered

Chosen Option: 4

Q.25 On a circle of radius 7 units, PQ and QR are chords of length 7 units each. What is the length of the chord PR in units?

Ans

× 1. $\frac{28}{\sqrt{3}}$

 \times 2. $\frac{14}{\sqrt{3}}$

 \checkmark 3. $\frac{21}{\sqrt{3}}$

 \times 4. $\frac{7}{\sqrt{3}}$

Question ID: 630680297303
Option 1 ID: 6306801156682
Option 2 ID: 6306801156679
Option 3 ID: 6306801156681
Option 4 ID: 6306801156680
Status: Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the most appropriate meaning of the given group of words.

On cloud nine

Ans 🚀 1. Being very delighted

X 2. Flying in the sky

X 3. Being angry with someone

X 4. Being very high

Question ID: 630680317354 Option 1 ID: 6306801234533 Option 2 ID: 6306801234534 Option 3 ID: 6306801234536 Option 4 ID: 6306801234535 Status: Answered

Q.2 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence. A. So I am not very sure B. I have a driving license C. Of myself reaching home safely D. But no real driving experience √ 1. BDAC Ans X 2. BCAD X 3. CABD X 4. BDCA Question ID: 630680166069 Option 1 ID: 630680643249 Option 2 ID: 630680643250 Option 3 ID: 630680643251 Option 4 ID: 630680643248 Status: Answered Chosen Option: 1 Q.3 Select the option that can substitute/replace the bracketed word correctly and complete the sentence. He (seek) for the wallet in his pocket. Ans X 1. Are seeking 2. Sought X 3. Seeking X 4. Had seeking Question ID: 630680176847 Option 1 ID: 630680685595 Option 2 ID: 630680685592 Option 3 ID: 630680685593 Option 4 ID: 630680685594 Status: Answered Chosen Option: 2 Q.4 Select the most appropriate meaning of the given group of words. A bitter pill Ans X 1. Talking nonsense X 2. Getting furious easily 3. Facing a distressing situation ¥ 4. Arguing unnecessarily Question ID: 630680317356 Option 1 ID: 6306801234542 Option 2 ID: 6306801234541 Option 3 ID: 6306801234543 Option 4 ID: 6306801234544 Status: Answered

- Q.5 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct sequence to form a meaningful sentence.

 (P) dreams provide an escape
 (Q) where reality is suspended
 (R) into a world
 (O) of endless possibilities

 Ans 1. QORP

 2. OPQR
 - Question ID : 630680380980

 Option 1 ID : 6306801484908

 Option 2 ID : 6306801484910

 Option 3 ID : 6306801484907

 Option 4 ID : 6306801484909

 Status : Answered

Chosen Option: 3

Q.6 Select the option that expresses the given sentence in passive voice. Can you compose an inspiring poem?

Ans X 1. Can an inspiring poem by you composed?

X 4. RPOQ

X 2. Can an inspiring poem be composed?

X 3. An inspiring poem can be composed by you.

√ 4. Can an inspiring poem be composed by you?

Question ID: 630680192070 Option 1 ID: 630680744882 Option 2 ID: 630680744881 Option 3 ID: 630680744883 Option 4 ID: 630680744884 Status: Answered

Chosen Option: 4

Q.7 Select the most appropriate option to substitute the underlined segment in the given sentence.

Rohan exercised and ate a lot, lest he should not be weak.

Ans 1. lest he should be weak

X 2. lest he should not weak

X 3. lest he would be weak

4. lest he would not be weak.

Question ID : 630680176627 Option 1 ID : 630680684729 Option 2 ID : 630680684728 Option 3 ID : 630680684730 Option 4 ID : 630680684731 Status : Answered

Q.8 Select the correctly spelt word to fill in the blank. Calder Hall is a nuclear power station in England which is known as the first nuclear power station to generate electricity for _____ _ purposes. X 1. comercial X 2. comercail X 3. commerceil 4. commercial Question ID: 630680374786 Option 1 ID: 6306801460312 Option 2 ID: 6306801460313 Option 3 ID: 6306801460314 Option 4 ID: 6306801460311 Status: Answered Chosen Option: 4 Q.9 Select the correct spelling to fill in the blank. When numerous ideas are presented in a historical context, more than mere _____ can be seen. X 1. parollelism Ans X 2. paralialism X 3. paralelism 4. parallelism Question ID: 630680409977 Option 1 ID: 6306801598738 Option 2 ID: 6306801598737 Option 3 ID: 6306801598740 Option 4 ID: 6306801598739 Status: Answered Chosen Option: 4 Q.10 The following sentence has been split into segments. Identify the segment that contains an error. If you don't find any error, mark 'No error' as your answer. People admired him, for / he lived by the same principals / that he preached. ✓ 1. he lived by the same principals Ans 2. People admired him, for X 3. that he preached X 4. No error Question ID: 630680295984 Option 1 ID: 6306801151649 Option 2 ID: 6306801151648 Option 3 ID: 6306801151650 Option 4 ID: 6306801151651 Status: Answered Chosen Option: 1

Q.11 Select the option that expresses the given sentence in passive voice. The tutor was not teaching the student. Ans 1. The student was not taught by the tutor. X 2. The student was teaching the tutor. X 3. The student was not being teaching by the tutor. 4. The student was not being taught by the tutor. Question ID: 630680192069 Option 1 ID: 630680744877 Option 2 ID: 630680744880 Option 3 ID: 630680744879 Option 4 ID: 630680744878 Status: Answered Chosen Option: 4 Q.12 Select the most appropriate ANTONYM for the underlined word in the given sentence. Despite his annoyance, Rahul knew that rushing the delicate process would only lead to mistakes. X 1. Absurdity X 2. Susceptibility 3. Serenity X 4. Gnawer Question ID: 630680517480 Option 1 ID: 6306802022319 Option 2 ID: 6306802022316 Option 3 ID: 6306802022317 Option 4 ID: 6306802022318 Status: Answered Chosen Option: 3 Q.13 Select the most appropriate synonym of the given word. Tendency X 1. Distaste 2. Proneness X 3. Decoy X 4. Aversion Question ID: 630680300701 Option 1 ID: 6306801169619 Option 2 ID: 6306801169620 Option 3 ID: 6306801169621 Option 4 ID: 6306801169622 Status: Answered Chosen Option: 2

Q.14 Select the most appropriate option that can substitute the underlined word in the given sentence. Bankrupts are those who are incapable to pay their debts. Ans X 1. capable 2. incompetent X 3. powerful X 4. meagre Question ID: 630680161534 Option 1 ID: 630680625464 Option 2 ID : 630680625465 Option 3 ID: 630680625466 Option 4 ID: 630680625467 Status: Answered Chosen Option : 2 Q.15 Select the most appropriate synonym of the given word. Condone Ans 1. Pardon X 2. Penalty X 3. Solace X 4. Solicitude Question ID: 630680177544 Option 1 ID: 630680688338 Option 2 ID: 630680688339 Option 3 ID: 630680688336 Option 4 ID: 630680688337 Status: Answered Chosen Option : 1 Q.16 Select the most appropriate meaning of the given word. **Pugnacious** Ans X 1. Impatient 2. Waspish X 3. Good-tempered X 4. Arrogant Question ID: 630680132473 Option 1 ID: 630680513029 Option 2 ID: 630680513027 Option 3 ID: 630680513028 Option 4 ID: 630680513026 Status: Answered Chosen Option: 2

Q.17	Select the most appropriate synonym of the given word. Kilter	
Ans		
	X 2. Shambles	
	X 4. Disrepair	
	, Distopan	
		Question ID: 630680209306
		Option 1 ID : 630680811442
		Option 2 ID : 630680811439 Option 3 ID : 630680811441
		Option 4 ID : 630680811440
		Status : Not Answered
		Chosen Option :
Q.18	Select the most appropriate option that means the same as the words to fill in the blank. Most of the rivers dry up during the summer season, but the	
	round the year because it is	•
Ans	X 1. biennial	
	X 2. annual	
	X 4. biannual	
		Question ID : 630680414593
		Option 1 ID : 6306801617124 Option 2 ID : 6306801617123
		Option 3 ID : 6306801617125
		Option 4 ID : 6306801617126
		Status : Answered
		Chosen Option : 3
Q.19	The given sentence is divided into four segments. Select the segment with a grammatical error. We were on the way/ to the party;/ suddenly, there/ will a heav	
Ans	X 1. suddenly, there	
	√ 2. will a heavy downpour.	
	X 3. We were on the way	
	X 4. to the party;	
		Question ID : 630680206613
		Option 1 ID : 630680801053
		Option 2 ID : 630680801054
		Option 3 ID : 630680801051
		Option 3 ID : 630680801051 Option 4 ID : 630680801052 Status : Answered

Ans	Dogmatic 1. Conservative	
4115		
	✓ 2. Liberal	
	X 3. Diplomatic	
	X 4. Concerned	
		Question ID: 630680360823 Option 1 ID: 6306801405165 Option 2 ID: 6306801405168 Option 3 ID: 6306801405167 Option 4 ID: 6306801405166 Status: Answered Chosen Option: 4
	Comprehension:	
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. This Diwali is more significant because we are going to celebrate it after the evil shadow of Covid-19 that (1) looming over all festivities endless bad news of death and (2) had turned our country into But, this season of Diwali (3) all the sorrows of people by lightinope in their lives. We can see the lights, the candles, the lanterns, and coming out of their houses and purchasing toys for their children. Let's (4 people who have made such a huge contribution to (5) good the people's lives.	three years, without The lockdowns and a zone of gloom. ng the candle of the busy people 1) those
	SubQuestion No : 21	
2.21	Select the most appropriate option to fill in blank number 1.	
Ans	X 1. were	
Ans	★ 1. were★ 2. are	
Ans		
Ans	★ 2. are★ 3. is	
Ans	X 2. are	
Ans	★ 2. are★ 3. is	Question ID : 630680164743
Ans	★ 2. are★ 3. is	Question ID : 630680164743 Option 1 ID : 630680638062
Ans	★ 2. are★ 3. is	
Ans	★ 2. are★ 3. is	Option 1 ID : 630680638062
Ans	★ 2. are★ 3. is	Option 1 ID : 630680638062 Option 2 ID : 630680638063
Ans	★ 2. are★ 3. is	Option 1 ID : 630680638062 Option 2 ID : 630680638063 Option 3 ID : 630680638061

 $\ensuremath{\text{Q.20}}$ Select the most appropriate ANTONYM of the given word.

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. This Diwali is more significant because we are going to celebrate it after three years, without the evil shadow of Covid-19 that (1)___ looming over all festivities. The lockdowns and endless bad news of death and (2)___ had turned our country into a zone of gloom. all the sorrows of people by lighting the candle of But, this season of Diwali (3)_ hope in their lives. We can see the lights, the candles, the lanterns, and the busy people coming out of their houses and purchasing toys for their children. Let's (4) people who have made such a huge contribution to (5) good thoughts and saving people's lives. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans X 1. new birth X 2. demonetisation X 3. economic boom 4. disease Question ID: 630680164744 Option 1 ID: 630680638066 Option 2 ID: 630680638067 Option 3 ID: 630680638064 Option 4 ID: 630680638065 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. This Diwali is more significant because we are going to celebrate it after three years, without

the evil shadow of Covid-19 that (1)___ looming over all festivities. The lockdowns and endless bad news of death and (2)___ had turned our country into a zone of gloom. all the sorrows of people by lighting the candle of But, this season of Diwali (3)_ hope in their lives. We can see the lights, the candles, the lanterns, and the busy people coming out of their houses and purchasing toys for their children. Let's (4) people who have made such a huge contribution to (5)______ good thoughts and saving people's lives.

SubQuestion No: 23

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

Ans X 1. has hovered

X 2. has adopted

X 3. had recognised

4. has shed

Question ID: 630680164745 Option 1 ID: 630680638071 Option 2 ID: 630680638069 Option 3 ID: 630680638068 Option 4 ID: 630680638070

Status: Answered

Status: Answered

	Comprehension:	age corefully and
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. This Diwali is more significant because we are going to celebrate it after three years, without the evil shadow of Covid-19 that (1) looming over all festivities. The lockdowns and endless bad news of death and (2) had turned our country into a zone of gloom. But, this season of Diwali (3) all the sorrows of people by lighting the candle of hope in their lives. We can see the lights, the candles, the lanterns, and the busy people coming out of their houses and purchasing toys for their children. Let's (4) those people who have made such a huge contribution to (5) good thoughts and saving people's lives.	
	SubQuestion No : 24 Q.24 Select the most appropriate option to fill in blank number 4.	
Q.24		
Ans X 1. onerous X 2. terminate 3. salute X 4. berate		
		Question ID : 630680164746
		Option 1 ID : 630680638072
		Option 2 ID: 630680638074
		Option 3 ID : 630680638075
		Option 4 ID : 630680638073
		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.

This Diwali is more significant because we are going to celebrate it after three years, without the evil shadow of Covid-19 that (1)____ _ looming over all festivities. The lockdowns and endless bad news of death and (2)___ had turned our country into a zone of gloom. all the sorrows of people by lighting the candle of But, this season of Diwali (3)___ hope in their lives. We can see the lights, the candles, the lanterns, and the busy people coming out of their houses and purchasing toys for their children. Let's (4) people who have made such a huge contribution to (5) good thoughts and saving people's lives.

SubQuestion No: 25

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

Ans X 1. stagnating

X 2. implicating

X 3. impeding

4. spreading

Question ID: 630680164747 Option 1 ID: 630680638078 Option 2 ID: 630680638077 Option 3 ID: 630680638076 Option 4 ID: 630680638079

Status: Answered