Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Exam Date	26/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

Q.1 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

Energy: Joule

Ans X 1. Temperature : Hot

X 2. Force : Watt

X 3. Power : Horse

4. Current : Ampere

Question ID : 264330103169 Status : Answered

Chosen Option : 4

Q.2 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



Ans









Question ID: 26433068192 Status : Answered Chosen Option: 3

Q.3 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(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/substracting/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.)
(7, 15, 11)
(9, 19, 14)
Ans 1. (8, 16, 13)

× 2. (6, 13, 9) × 3. (13, 25, 21)

4. (11, 23, 17)

Question ID : 26433079016 Status : Answered Chosen Option : 4

- Q.4 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
 - 1. Strategy
 - 2. Strength
 - 3. Stranger
 - 4. Stretch
 - 5. Struggle
 - 6. Strange

Ans X 1. 3, 6, 1, 2, 4, 5

X 2. 6, 3, 1, 4, 2, 5

X 3. 6, 1, 3, 2, 4, 5

4. 6, 3, 1, 2, 4, 5

Question ID : 264330132169 Status : Answered Chosen Option : 4

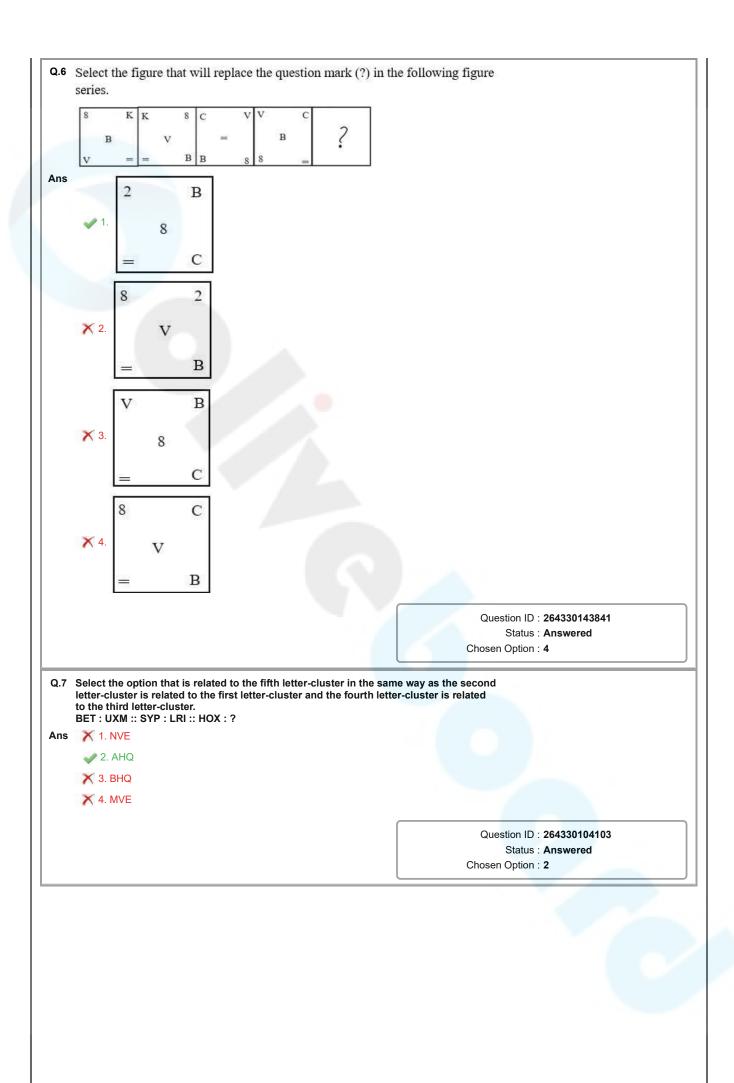
Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

| 4 h b t r 2 w u g
N
u w 2 r t d P 4.1×

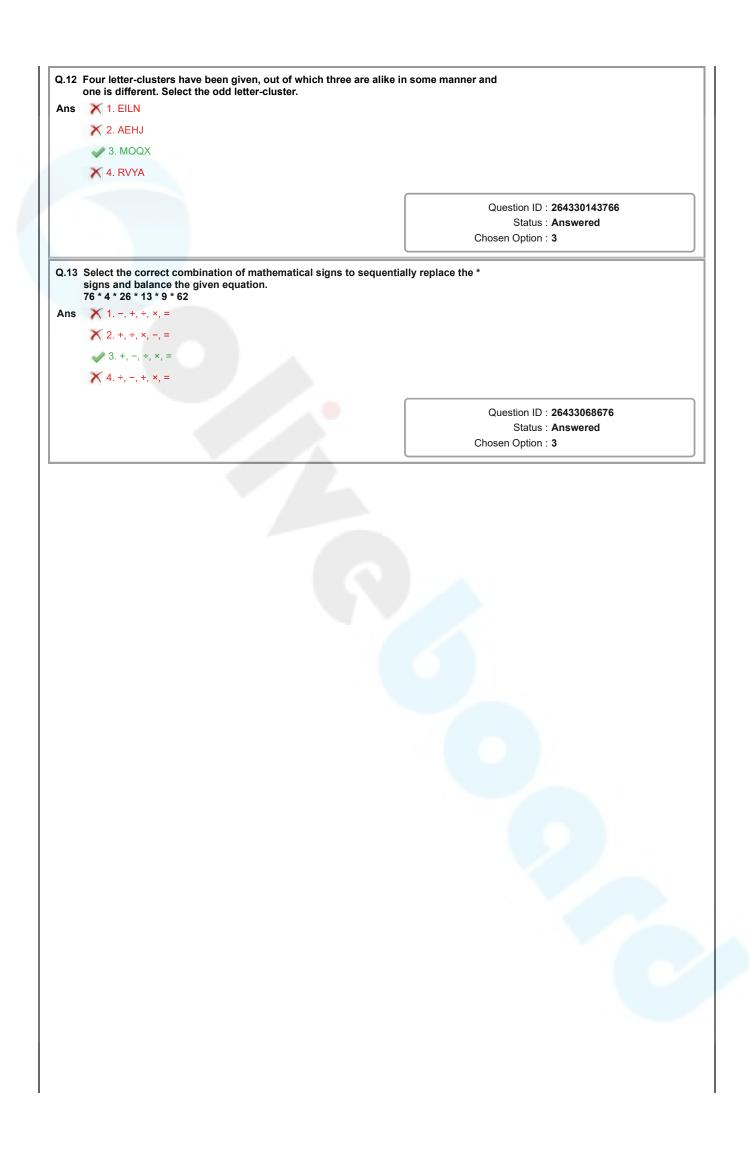
gnw2rtdh4.E×

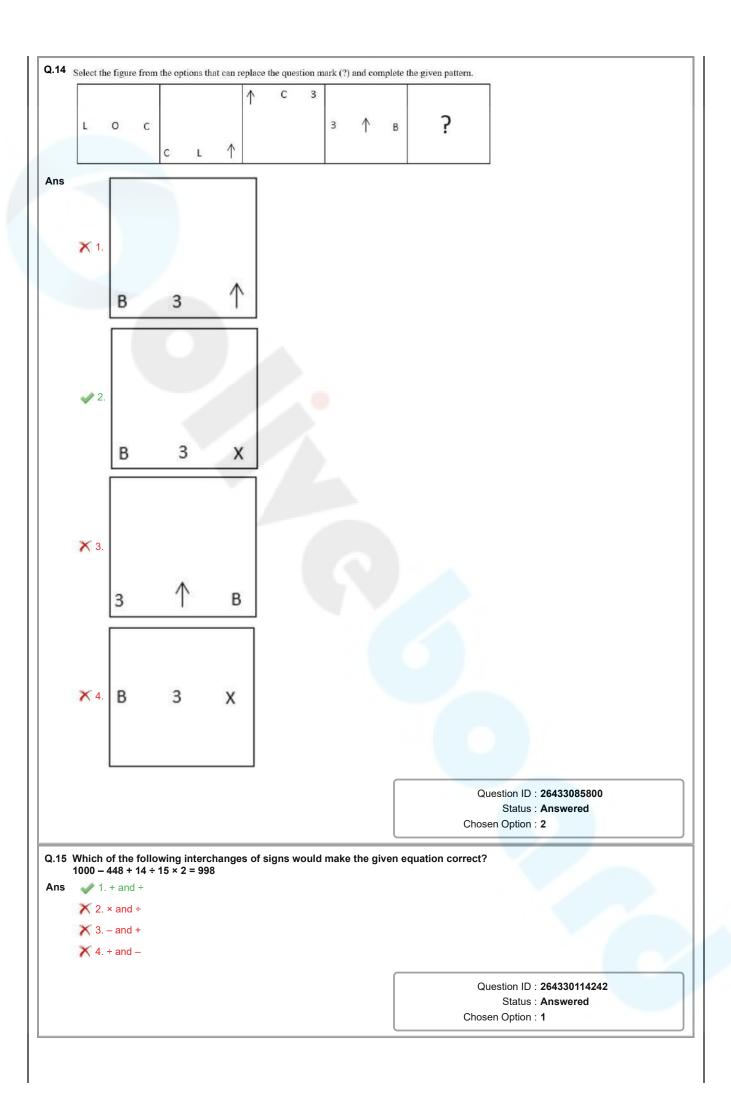
g u w 2 r t d h 4.4 w

Question ID : 26433096032 Status : Answered



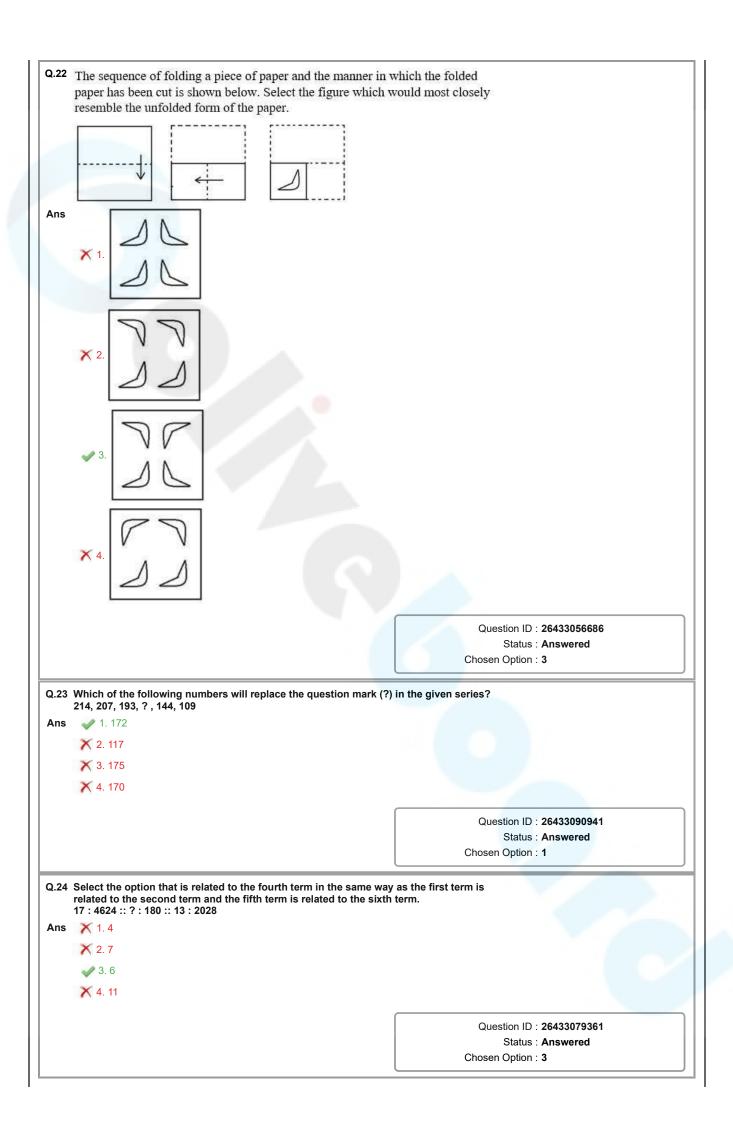
 ${\bf Q.8} \quad {\bf Select \ the \ option \ that \ is \ related \ to \ the \ fifth \ letter-cluster \ in \ the \ same \ way \ as \ the \ second}$ letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter cluster. MAGNET: AMNGTE:: FAMILY: AFIMYL:: BLOCKS:? X 1. LCBOSK Ans X 2. OLBSKC X 4. LBOCSK Question ID: 26433090884 Status : Answered Chosen Option : 3 Q.9 Which letter-cluster will replace the question mark (?) to complete the given series? GTCL, KWEM, OZGN, SCIO, ? Ans X 1. VGLQ X 2. WKFD X 3. VJEF Question ID: 26433076671 Status : Answered Chosen Option : 4 Q.10 Looking at a photograph, Reema says, "This boy's father is the father of my daughter". How is the boy related to Reema's daughter? Ans X 1. Father X 2. Son 3. Brother X 4. Father's brother Question ID: 26433091613 Status : Answered Chosen Option: 3 Q.11 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below. A Z 3 8 1 t G D AZ 881t DD .1 X anA AZ3811GD .5 X AZE81tGD EX AZ3811GD .4 🌭 Question ID: 264330103141 Status: Answered Chosen Option: 4





Q.16 Which two signs and two numbers should be interchanged in the following equation to make it correct? 15 ÷ 80 – 34 + 10 × 8 = 102 X 1. 10, 80, ÷, -Ans X 2. 15, 34, -, × / 3. 34, 15, +, ÷ X 4. 10, 34, ÷, × Question ID: 264330123260 Status: Answered Chosen Option: 3 Q.17 Select the set in which the numbers are related in the same way as are the numbers of the given set.
(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.) (4, 81, 5) (3, 144, 9) **1**. (2, 100, 8) Ans **X** 2. (2, 80, 8) **X** 3. (2, 256, 8) **X** 4. (2, 64, 8) Question ID: 26433082878 Status: Answered Chosen Option : 1 Q.18 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair. Ans X 1. 24 : 169 X 2. 12 : 49 X 3. 48 : 625 4. 36 : 365 Question ID: 26433057979 Status: Answered Chosen Option: 4 Q.19 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements. Statements: All tools are spanners. Some spanners are utensils. No spanner is an iron. Conclusions: (I) Some tools are irons. (II) Some utensils are tools. (III) Some utensils are not iron. 1. Only conclusion III follows X 2. All conclusions I, II and III follow X 3. Only conclusion I follows X 4. Either conclusion I or conclusion III follows Question ID: 26433090920 Status: Answered Chosen Option: 1

Q.20 Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: All cancers are diseases.
All tuberculosis are diseases. All diseases are curable. Conclusions: I. All tuberculosis are curable.
II. Some cancers are tuberculosis.
III. All cancers are curable. Ans X 1. Only conclusions II and III follow 2. Only conclusions I and III follow X 3. All conclusions follow X 4. Only conclusions I and II follow Question ID: 264330143717 Status : Answered Chosen Option : 2 Q.21 In a certain code language, "XPDJOA" is written as "DPXAOJ" and "THBRUC" is written as "BHTCUR". How will "GILDZM" be written in that language? X 2. ZDMGIL X 3. MZDLIG X 4. LGIDZM Question ID: 264330130333 Status: Answered Chosen Option : 1



Q.25 In a certain code language, 'SLAP' is coded as '3160' and 'PAST' is coded as '6071'. What is the code for 'L' in the given code language? Ans X 2. 1 **X** 3. 6 **X** 4. 0 Question ID: 264330126004 Status : Answered Chosen Option: 1 Section: General Awareness Q.1 In January 2023, the legislative bill providing _____ reservation to women in state government jobs has been approved by Uttarakhand Governor, Lt Gen (Retd.) Gurmit Singh. Ans X 1. 20% **X** 2. 25% **3**. 30% **X** 4. 35% Question ID: 264330139421 Status: Answered Chosen Option : 2 Q.2 Butan-2-ol is a: Ans X 1. tertiary alcohol X 2. ketone X 3. primary alcohol 4. secondary alcohol Question ID : 264330109895 Status: Answered Chosen Option: 4 Q.3 Indian musician Ravi Shankar won his first Grammy Award in 1968 for best chamber music performance for which of the following works done by him? 1. West Meets East X 2. The Concert for Bangladesh X 3. The Sounds of India X 4. Full Circle – Carnegie Hall Question ID: 26433074815 Status: Answered Chosen Option: 3 Q.4 Which of the following rivers does NOT flow in Kerala State? Ans X 1. Bharathapuzha X 2. Periyar 💢 3. Pamba 🥒 4. Penner Question ID: 264330113289 Status : Answered Chosen Option : 1

	Celebrated every year, the Guru Kelucharan Mohapatra Award festival is named after the famous classical dancer of which of the following dance forms?				
Ans	*				
	× 2. Mohiniyattam				
	X 3. Kathak				
	× 4. Kuchipudi				
		Ougstion ID : 26422064705			
		Question ID : 26433064795 Status : Answered			
		Chosen Option : 1			
Q.6	Under which Constitutional Amendment, the State shall provide education to all children from the age of six to fourteen years?.	free and compulsory			
Ans	X 1. 42 nd				
	X 2. 62 nd				
	X 3. 73 rd				
	✓ 4. 86 th				
		Question ID : 264330110034			
		Status : Answered Chosen Option : 4			
		Choosii Option: 4			
Ans	X 1. Cell membrane				
Ans	X 2. Lysosomes 3. Cell wall				
Ans	× 2. Lysosomes				
Ans	✓ 2. Lysosomes✓ 3. Cell wall	Ouestion ID : 26433066701			
Ans	✓ 2. Lysosomes✓ 3. Cell wall	Question ID : 26433066701 Status : Answered			
Ans	✓ 2. Lysosomes✓ 3. Cell wall				
	X 2. Lysosomes✓ 3. Cell wallX 4. Golgi apparatus	Status : Answered Chosen Option : 3			
Q.8	✓ 2. Lysosomes✓ 3. Cell wall	Status : Answered Chosen Option : 3			
Q.8	 2. Lysosomes 3. Cell wall 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state	Status : Answered Chosen Option : 3			
Q.8	 2. Lysosomes 3. Cell wall 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state 1. Karnataka 2. Andhra Pradesh 	Status : Answered Chosen Option : 3			
Q.8	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka 	Status : Answered Chosen Option : 3			
Q.8	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu 	Status : Answered Chosen Option : 3			
Q.8	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu 	Status : Answered Chosen Option : 3 Question ID : 264330109607			
Q.8	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu 	Status : Answered Chosen Option : 3 Question ID : 264330109607 Status : Answered			
Q.8	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu 	Status : Answered Chosen Option : 3 Question ID : 264330109607			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over	Status: Answered Chosen Option: 3 Question ID: 264330109607 Status: Answered			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala 	Status: Answered Chosen Option: 3 Question ID: 264330109607 Status: Answered			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over	Status: Answered Chosen Option: 3 Question ID: 264330109607 Status: Answered			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over X 1. Pacific Ocean 	Status: Answered Chosen Option: 3 Question ID: 264330109607 Status: Answered			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over X 1. Pacific Ocean X 2. Bay of Bengal 	Status : Answered Chosen Option : 3 Question ID : 264330109607 Status : Answered			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over X 1. Pacific Ocean X 2. Bay of Bengal X 3. Arabian Sea 	Status: Answered Chosen Option: 3 Question ID: 264330109607 Status: Answered Chosen Option: 1			
Q.8 Ans	 X 2. Lysosomes ✓ 3. Cell wall X 4. Golgi apparatus Guruvayur Ekadashi is the cultural festival of which Indian state X 1. Karnataka X 2. Andhra Pradesh X 3. Tamil Nadu ✓ 4. Kerala The Western cyclonic disturbance originates over X 1. Pacific Ocean X 2. Bay of Bengal X 3. Arabian Sea 	Status : Answered Chosen Option : 3 Question ID : 264330109607 Status : Answered			

	of the cloud chamber for the detection of charged particles?				
Ans	1. Charles Wilson				
	× 2. Frederick Soddy				
	X 3. Ernest Lawrence				
	X 4. Harold Urey				
		Question ID : 264330144059			
		Status : Answered			
		Chosen Option : 1			
Q.11	Which Article of the Indian Constitution empowers the Parliam	nent to establish			
	additional courts for better administration of laws made by it?				
Ans	X 1. Article 246				
	X 2. Article 248				
	X 3. Article 253				
	✓ 4. Article 247				
		Question ID : 264330114501			
		Status : Not Answered			
		Chosen Option :			
Ans	X 1. Lord LawrenceX 2. Lord CanningX 3. Lord Cornwallis				
Ans	× 2. Lord Canning				
Ans	X 2. Lord CanningX 3. Lord Cornwallis	Question ID : 264330109500 Status : Answered			
Ans	X 2. Lord CanningX 3. Lord Cornwallis	Question ID : 264330109500 Status : Answered Chosen Option : 4			
	X 2. Lord CanningX 3. Lord Cornwallis✓ 4. Lord Mayo	Status : Answered Chosen Option : 4			
Q.13	X 2. Lord CanningX 3. Lord Cornwallis	Status : Answered Chosen Option : 4			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be	Status : Answered Chosen Option : 4			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand 	Status : Answered Chosen Option : 4			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand 	Status : Answered Chosen Option : 4			
	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy 	Status : Answered Chosen Option : 4			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy 	Status : Answered Chosen Option : 4 lief in many Gods? Question ID : 264330132688			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy 	Status : Answered Chosen Option : 4			
Q.13	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis.	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia X 2. Spongilla 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia X 2. Spongilla X 3. Sycon 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia X 2. Spongilla 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia X 2. Spongilla X 3. Sycon 	Status : Answered Chosen Option : 4 Guestion ID : 264330132688 Status : Answered Chosen Option : 4			
Q.13 Ans	 X 2. Lord Canning X 3. Lord Cornwallis ✓ 4. Lord Mayo Who wrote 'Gift to Monotheists' in Persian to denounce the be X 1. Swami Shraddhanand X 2. Swami Dayanand ✓ 3. Raja Ram Mohan Roy X 4. Swami Vivekanand Identify an organism that exhibits metagenesis. ✓ 1. Obelia X 2. Spongilla X 3. Sycon 	Status : Answered Chosen Option : 4 Slief in many Gods? Question ID : 264330132688 Status : Answered			

	Magadha Mahajanapada was surrounded by the rivers	<u>-</u> •
Ans	X 1. Ganga and Jhelum	
	X 2. Ganga and Yamuna	
	X 4. Ganga and Ghaghara	
		Question ID : 264330114806 Status : Answered
		Chosen Option : 2
		·
	Lai Haraoba is the earliest form of which of the following class	sical dances of India?
Ins	1. Manipuri	
	× 2. Mohiniyattam	
	X 3. Sattriya	
	X 4. Kathakali	
		0 1 10 0010000
		Question ID : 26433064289 Status : Answered
		Chosen Option: 1
Ans	Who among the following became the first fast bowler to take Australian men's Test side full-time in November 2021? 1. Steve Smith	
	X 2. Nathan Lyon	
	✓ 3. Pat Cummins	
	X 4. Tim Paine	
		Question ID : 26433082845
		Status : Answered
Q.18	Small scale units are differentiated from large scale units on t	Status : Answered Chosen Option : 3
	X 1. the size of unit area	Status : Answered Chosen Option : 3
	_	Status : Answered Chosen Option : 3
	X 1. the size of unit area	Status : Answered Chosen Option : 3
	✗ 1. the size of unit area✗ 2. the volume of sales	Status : Answered Chosen Option : 3
	X 1. the size of unit areaX 2. the volume of salesX 3. the volume of output	Status : Answered Chosen Option : 3 he basis of:
	X 1. the size of unit areaX 2. the volume of salesX 3. the volume of output	Status : Answered Chosen Option : 3 he basis of: Question ID : 264330110172
	X 1. the size of unit areaX 2. the volume of salesX 3. the volume of output	Status : Answered Chosen Option : 3 he basis of: Question ID : 264330110172 Status : Answered
	X 1. the size of unit areaX 2. the volume of salesX 3. the volume of output	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172
Ans	X 1. the size of unit areaX 2. the volume of salesX 3. the volume of output	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4
n.19	 1. the size of unit area 2. the volume of sales 3. the volume of output 4. the amount of investment 	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4
.19	 1. the size of unit area 2. the volume of sales 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4
n.19	 1. the size of unit area 2. the volume of sales 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find 1. Hirapur	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4
λns Q.19	 X 1. the size of unit area X 2. the volume of sales X 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find 1. Hirapur X 2. Roorkie 	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4
Ans Q.19	 X 1. the size of unit area X 2. the volume of sales X 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find 1. Hirapur X 2. Roorkie X 3. Jamshedpur 	Status: Answered Chosen Option: 3 he basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4 st factory?
Ans Q.19	 X 1. the size of unit area X 2. the volume of sales X 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find 1. Hirapur X 2. Roorkie X 3. Jamshedpur 	Status: Answered Chosen Option: 3 Appearage of the basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4 St factory? Question ID: 264330109491
Ans	 X 1. the size of unit area X 2. the volume of sales X 3. the volume of output 4. the amount of investment Where did IISCO (Indian Iron and Steel Company) set up its find 1. Hirapur X 2. Roorkie X 3. Jamshedpur 	Status: Answered Chosen Option: 3 The basis of: Question ID: 264330110172 Status: Answered Chosen Option: 4 St factory?

Q.20 The number of flights in a 110 m hurdle race is _ Ans X 1.8 **X** 2. 9 **3**. 10 Question ID: 264330110379 Status : Answered Chosen Option: 3 Q.21 Which of the following countries won the highest number of golds in Paralympic-2020? 1. China Ans X 2. Australia X 3. The US X 4. Great Britain Question ID: 264330109678 Status : Answered Chosen Option: 3 Q.22 Primarily under whose persuasion did Mahatma Gandhi visit Champaran to understand the problems of peasants? Ans X 1. Jaiprakash Narayan X 2. Maulana Mazharul Haque X 3. Vallabhbhai Patel 4. Rajkumar Shukla Question ID: 264330106584 Status: Answered Chosen Option : 1 Q.23 Which State Assembly passed a resolution to create a Legislative Council in 2021? Ans X 1. Maharashtra X 2. Uttar Pradesh X 3. Andhra Pradesh 4. West Bengal Question ID: 26433074173 Status : Answered Chosen Option: 3 Q.24 Which of the following is an example of revenue receipt of the government? Ans X 1. Receipts from sale of shares of public sector companies X 2. Recovery of loans 3. GST collected by the government X 4. Borrowings from public Question ID: 264330109075 Status: Answered Chosen Option: 3

Q.25 He was a Delhi Sultan who started the practice of Sijada and Paibos in the court. Who was he? Ans X 1. Firoz Shah Tughlaq 2. Ghiyasuddin Balban X 3. Iltutmish X 4. Ibrahim Lodhi

Question ID: 264330114829 Status : Answered

Chosen Option: 2

Section: Quantitative Aptitude

Q.1 If a 7-storey building has a 28 m long shadow, the number of storeys of the building whose shadow is 48 m long is:

X 1. 14 Ans

- X 2. 24
- **X** 3. 16
- **4**. 12

Question ID: 264330103548 Status: Answered Chosen Option: 4

Q.2 10 women take 16 days to complete a work which can be completed by 6 men in 8 days. 12 men started working and after 2 days 6 men left, and 5 women joined them. In how many days will the work be completed?

Ans

- × 1. $\frac{1}{2}$

Question ID: 264330109149 Status : Answered

Chosen Option: 4

Q.3 What is the present worth of ₹1,100 due in 2 years at 5% simple interest per annum?

Ans X 1. ₹3,000

X 2. ₹2,000

⊘ 3. ₹1,000

X 4. ₹1,500

Question ID: 264330106078 Status : Answered

If $\cos x + \sec x = \frac{7}{2\sqrt{3}}$, then the value of $\cos^2 x + \sec^2 x$ will be _____.

- \times 1. $\frac{15}{12}$

Question ID: 264330143551 Status: Answered Chosen Option : 4

Find the value of cos²15°-sin²15° cos2145°+sin2145°

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

Question ID: 26433076314 Status: Answered

Chosen Option: 3

Q.6 Find the area of an equilateral triangle whose sides are 16 cm each.

- Ans \times 1. $60\sqrt{3}$ cm²
 - \times 2. $62\sqrt{3}$ cm²
 - ✓ 3. 64√3 cm²
 - \times 4. $66\sqrt{3}$ cm²

Question ID: 26433074349 Status: Answered

Chosen Option: 3

Q.7 When a number is divided by 45, the remainder is 21. What will be the remainder when the number is divided by 15?

- **Ans** 🗼 1. 6
 - **X** 2. 5 **X** 3. 3
 - **X** 4. 0

Question ID: 264330130901 Status: Answered

If $\tan A = \frac{3}{8}$, then the value of $\frac{3 \sin A + 2 \cos A}{3 \sin A - 2 \cos A}$ is:

Question ID: 26433061099 Status: Answered

Chosen Option: 2

Q.9 Rajdhani Express train of length 108 m is running at the speed of 128 km/h. Another train of length 148 m is standing at the station. In what time will the Rajdhani Express cross the other train?

- Ans X 1. 8 seconds
 - X 2. 7.5 seconds
 - X 3. 9 seconds
 - 4. 7.2 seconds

Question ID: 264330130015

Status: Answered

Chosen Option: 4

Q.10 The value of $\frac{2}{3} - \frac{5}{6} \times \frac{4}{5} \div \frac{4}{3} + \frac{1}{2}$ is:

X 4. 0

Question ID : 264330143498 Status: Answered

Chosen Option : 1

Q.11 tan 4384° + cot 6814° = ?

Ans X 1. -1

X 2. 2

3. 0

X 4. 1

Question ID: 264330143539

Status: Answered

 ${f Q.12}$ The marked price of an article is 40% above its cost price. If its selling price is $73\frac{1}{2}\%$ of the marked price, then the percentage profit is:

Ans 1. 2.9%

× 2. 2.7%

× 3. 2.6%

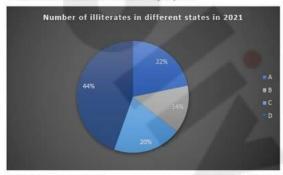
× 4. 2.5%

Question ID: 264330103669 Status : Answered

Chosen Option: 1

Q.13 The following graph shows the number of illiterates in different states of a country in the year 2021.

Total illiterates in 4 states = 4,50,000



What is the percentage of the total number of illiterates in A, B and C to the illiterates in D in 2021?

Ans X 1. 126.78%

2. 127.27%

X 3. 150.57%

X 4. 110.24%

Question ID: 264330130413 Status : Answered

Chosen Option : 2

Q.14 In a triangle ABC, the three angles are x, y and y + 10. Also, $2x - 4y = 20^{\circ}$. Which type of triangle is ABC?

Ans X 1. Equilateral

X 2. Obtuse

X 3. Acute

4. Right-angled

Question ID: 264330130041

Status: Answered

	days can the work be completed if X is ass day?	
٩ns	1. 5 days	
AIIS		
	2. 4 days	
	★ 3. 7 days	
	X 4. 6 days	
		Over-time ID - 004000400000
		Question ID : 264330106023 Status : Answered
		Chosen Option: 2
2.16	Sita sold a whiteboard marker set at 10% p have earned a profit of 15%. What is the co	profit. On selling it for Rs.20 more, she would
ıns	X 1. Rs.300	of the willesourd marker set:
	X 2. Rs.350	
	X 3. Rs.450	
	√ 4. Rs.400	
		Question ID : 26433082969
		Question ID : 26433082969 Status : Answered
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$ \times 3. $2\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$ \times 3. $2\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$ \times 3. $2\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the work if they work together? Question ID : 264330131473 Status : Answered
	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$ \times 3. $2\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in eate the work if they work together? Question ID : 264330131473
Ans	6 days. In how many days can they complete \times 1. 2 \checkmark 2. $3\frac{3}{5}$ \times 3. $2\frac{3}{5}$	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
Ans 0.18	6 days. In how many days can they complete \times 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and rides	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
Ans Ω.18	6 days. In how many days can they complete \times 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and rid the average speed of the cyclist, in km/h?	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
λns 2.18	6 days. In how many days can they completed \times 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and ridthe average speed of the cyclist, in km/h? 1. 15	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
λns 2.18	6 days. In how many days can they completed \times 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and rid the average speed of the cyclist, in km/h? 1. 15 2. 11	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
λns 2.18	6 days. In how many days can they completed 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and rid the average speed of the cyclist, in km/h? 1. 15 2. 11 3. 10	Status : Answered Chosen Option : 4 while Andrew can complete the same work in the ete the work if they work together? Question ID : 264330131473 Status : Answered Chosen Option : 2
Ans Ω.18	6 days. In how many days can they completed 1. 2 2. $3\frac{3}{5}$ 3. $2\frac{3}{5}$ 4. 3 A cyclist rides 20 km in 120 minutes and rid the average speed of the cyclist, in km/h? 1. 15 2. 11 3. 10	Status: Answered Chosen Option: 4 While Andrew can complete the same work in sete the work if they work together? Question ID: 264330131473 Status: Answered Chosen Option: 2 Idea another 25 km in 150 minutes. What is Question ID: 264330103306
Ans	6 days. In how many days can they completed to the completed and the completed are completed as a second compl	Status: Answered Chosen Option: 4 While Andrew can complete the same work in sete the work if they work together? Question ID: 264330131473 Status: Answered Chosen Option: 2 Idea another 25 km in 150 minutes. What is

If $(x + \frac{1}{x}) = \sqrt{6}$, and x > 1, what is the value of $(x^8 - \frac{1}{x^8})$?

Ans \times 1. $120\sqrt{3}$

× 2. 128√3

√ 3. 112√3

× 4. 108√3

Question ID: 264330101366

Status : Answered

Chosen Option: 3

Q.20 A father gives 8% of his monthly income to both his sons as pocket money. The elder son gets 85% of the total amount given to both the sons. He spend 90% of the amount and saves ₹17. What is the monthly income of father?

Ans X 1. ₹5,000

X 2. ₹4,500

X 3. ₹3,500

4. ₹2,500

Question ID: 264330126180 Status: Answered

Chosen Option : 4

Q.21 Study the given bar-chart and answer the question that follows. The bar-chart shows the production of maize by a state (in 1000 tonnes) over the years.



What was the percentage increase in the production of maize in 2019 compared to that in 2017?

Ans X 1. 220%

2. 225%

X 3. 230%

X 4. 200%

Question ID: 264330130423

Status: Answered

Q.22 If the side of a cubical box is 12 cm, then find its total surface area.

- Ans × 1. 952 cm²
 - ✓ 2. 864 cm²
 - × 3. 664 cm²
 - × 4. 792 cm²

Question ID : 26433076125 Status: Answered

Chosen Option : 2

If b = 5, determine the value of an expression $(\frac{5}{b} + 5b)(\frac{25}{b^2} - 25 + 25b^2)$ using an identity.

- Ans X 1. 25726
 - **2**. 15626
 - X 3. 15438
 - X 4. 25636

Question ID: 264330126618 Status : Answered

Chosen Option : 2

Q.24 If $(x - \frac{1}{x}) = 10$, what is the value of $(x^4 + \frac{1}{x^4})$?

- Ans X 1. 10404
 - **2**. 10402
 - **X** 3. 10406
 - **X** 4. 10400

Question ID : 264330114541 Status: Answered

Chosen Option: 2

Q.25 A, B and C can finish a work in 15 days working alternately in the same order. The efficiency of A is the same as that of B, and the efficiency of C is equal to that of A. In how many days will the work be finished if they work alternately in the order C, A and B?

- Ans X 1. 12
 - X 2. 14
 - **3**. 15
 - X 4. 16

Question ID: 264330120026

Status: Answered

Chosen Option: 3

Section: English Comprehension

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.

My mother is a honest and well known woman in the society.

Ans X 1. in the society

X 2. My mother

3. is a honest

X 4. and well known woman

Question ID: 26433072530 Status : Answered

Chosen Option: 3

Q.2 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

S1. A moment comes A.long suppressed B.and when the soul of a nation C.which comes but rarely in history D.when we step out from the old to the new, when an age ends

S6. finds utterance.

Ans X 1. CBAD

2. CDBA

X 3. ABCD

X 4. DCBA

Question ID: 26433092122 Status: Answered

Chosen Option : 2

Q.3 Identify the sentence that contains no spelling errors.

Ans X 1. Manisha got overwhelmed by the tremendus offer by a company to work in collaboration with internet personel.

2. Manisha got overwhelmed by the tremendous offer by a company to work in collaboration with internet personnel.

X 3. Manisha got overwellmed by the tremendous offer by a company to work in collaborasion with internet personnel.

X 4. Manisha got overwhelmed by the tremendous offer by a company to work in collaborasion with internet personnal.

> Question ID: 26433088539 Status : Answered

Chosen Option: 2

Q.4 Select the most appropriate meaning of the given idiom.

In a soup

Ans X 1. Extremely short of money

X 2. To exhibit cowardice

X 3. To get nothing

4. In trouble

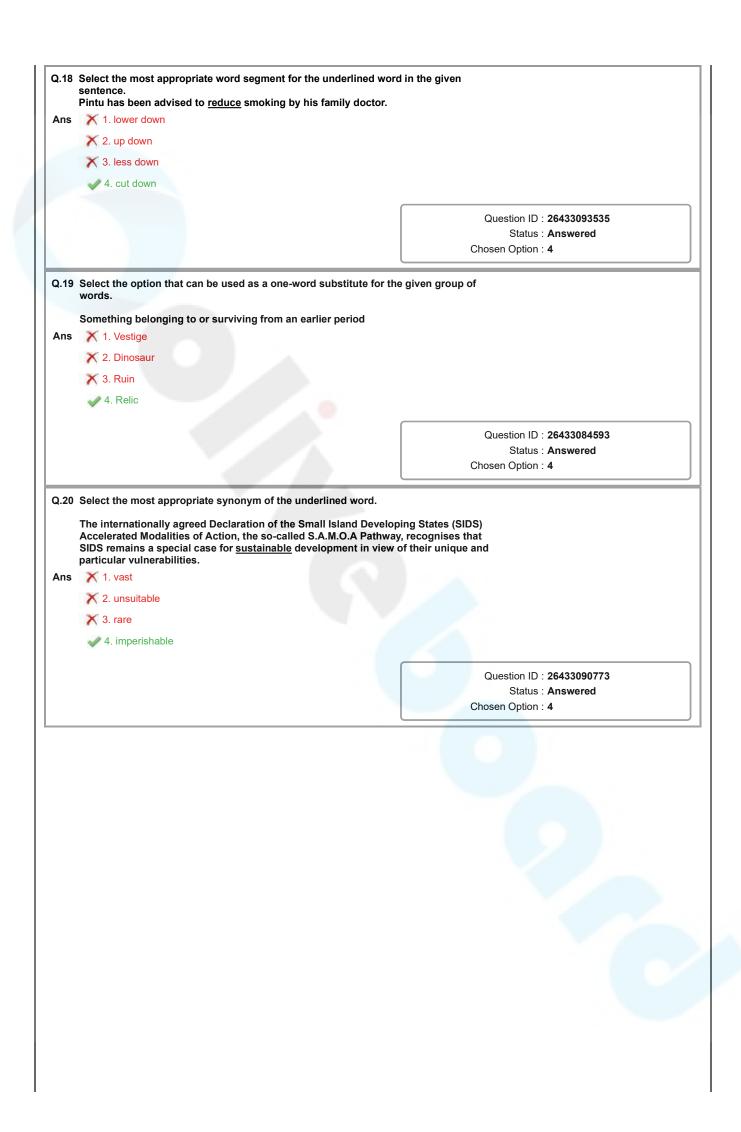
Question ID: 26433087926 Status: Answered

Q.5 Select the most appropriate ANTONYM of the underlined word. They <u>praised</u> her for her bravery. Ans 1. Acclaimed 2. Rebuked X 3. Defended X 4. Assaulted Question ID: 26433084670 Status : Answered Chosen Option : 2 Q.6 Select the most appropriate ANTONYM of the given word. Intentional Ans X 1. Cordial 2. Unplanned X 3. Amiable X 4. Inanimate Question ID : 26433073990 Status: Answered Chosen Option: 2 Q.7 Select the most appropriate ANTONYM of the given word. Abandon Ans X 1. Quit X 2. Surrender X 3. Shorten 4. Continue Question ID: 26433086326 Status: Answered Chosen Option: 4 Q.8 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A.The 1995 World Summit for Social Development had also emphasised the pivotal role of women in eradicating poverty and mending the social fabric. B.Women are rational in approach, careful in handling situations and want to do things as best as possible. C.The Fourth World Conference of Women held in Beijing in September 1995 had emphasised that no enduring solution of society's most threatening social, economic and political problems could be found without the participation and empowerment of D.Today's woman is a highly self-directed person, alive to the sense of her dignity and the importance of her functions in the private domestic domain and the public domain of the world of work. X 1. ABDC Ans 2. DBCA X 3. DBAC X 4. BCAD Question ID: 26433096956 Status: Answered Chosen Option : 2

Q.9 Select the most appropriate option that can substitute the underlined words in the given sentence.

Being a practiced liar, it was totally normal for him to utter a <u>complete and blatant lie</u>. Ans X 1. blasphemy X 2. whooper 3. falsehood X 4. perjury Question ID: 26433086506 Status: Answered Chosen Option: 3 Q.10 Select the option that contains a grammatical error in the underlined portion. He was always been a grumpy man so I never liked him and avoided his company. Ans X 1. He was always been a grumpy man, so I never liked him and avoided his company. 2. He was always been a grumpy man, so I never liked him and avoided his company. X 3. He was always been a grumpy man, so I never liked him and avoided his company. X 4. He was always been a grumpy man, so I never liked him and avoided his company. Question ID: 26433088599 Status : Answered Chosen Option : 2 Q.11 Select the option that can be used as a one-word substitute for the given group of A person who does not drink alcohol. Ans X 1. Vegetarian X 2. Celibate 3. Teetotaller X 4. Abstain Question ID: 26433087901 Status: Answered Chosen Option: 3 Q.12 Describe how you will tell your parents that Suraj is loved by Siva in active voice. Ans X 1. Siva is been loving Suraj. X 2. Suraj loved Siva. 3. Siva loves Suraj. X 4. Siva were loving Suraj. Question ID: 264330122776 Status : Answered Chosen Option: 3 Q.13 Select the INCORRECTLY spelt word. Ans X 1. Believe X 2. Audible X 3. Throat 4. Pronounciation Question ID: 264330117198 Status: Answered Chosen Option: 4

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence. I confronted the journalist with the evidence. Ans X 1. Resisted 2. Avoided X 3. Challenged X 4. Encountered Question ID: 26433087922 Status: Answered Chosen Option : 2 Q.15 Select the most appropriate idiom/phrase that can substitute the given group of The better you know someone the less you like him. Ans X 1. Save for a rainy day X 2. Spill the beans X 3. The elephant in the room 4. Familiarity breeds contempt Question ID: 26433088780 Status: Answered Chosen Option: 4 Q.16 Select the most appropriate ANTONYM of the given word. Prohibition Ans X 1. Restriction X 2. Inhibition X 3. Direction 4. Permission Question ID: 264330120607 Status: Answered Chosen Option: 4 Q.17 Select the option that expresses the given sentence in passive voice. The French had regarded the scholar as a usurper. Ans X 1. The scholar was being regarded as a usurper by the French. X 2. The scholar has been regarded as a usurper by the French. X 3. The scholar was regarded as a usurper by the French. Question ID: 264330141541 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.				
	In the 19 th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3), there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5), away from city centres and people are choosing to live 40, 50 or 60 kilometres away.				
	SubQuestion No : 21				
Q.21	Select the most appropriate option to fill in blank no. 1.				
Ans	X 1. cities				
	X 2. colonies				
	√ 3. villages				
	X 4. countries				
	Question ID : 264330137443				
	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.				
	In the 19 th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3), there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5), away from city centres and people are choosing to live 40, 50 or 60 kilometres away.				

SubQuestion No : 22

Ans 1. greener
2. worse
3. dark
4. higher

Q.22 Select the most appropriate option to fill in blank no. 2.

Question ID : 264330137444 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. In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _____ environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _____, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) ______to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _____, away from city centres and people are choosing to live 40, 50 or 60 kilometres away. SubQuestion No: 23 Q.23 Select the most appropriate option to fill in blank no. 3. 1. Instead Ans X 2. Of course X 3. Clearly X 4. Nevertheless Question ID: 264330137445 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.

In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) ______ to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _ _, away from city centres and people are choosing to live 40, 50 or 60 kilometres away.

SubQuestion No: 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans

1. commute

X 2. compute

X 3. communicate

X 4. calculate

Question ID: 264330137446 Status: Answered

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