Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/09/2024
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, 'GLOBAL' is written as '221714272817', 'FOREST' is written as '23141124109', how will 'IMPACT' be written in that language?

Ans 🚀 1. 20161328269

× 2. 18141126247

X 3. 20161226259

X 4. 20161327259

Question ID: 630680416124

Option 1 ID : 6306801623262

Option 2 ID: 6306801623261 Option 3 ID: 6306801623260

Option 4 ID : 6306801623259

Status : Answered

Chosen Option : 1

Q.2 Select the triad in which the numbers are related to each other in the same way as the numbers in the following triads. 16-40-100 8-20-50

8-20-50 (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. 18-50-110

× 2. 12-30-120

3. 24-60-150

X 4. 22-74-185

Question ID: 630680132369

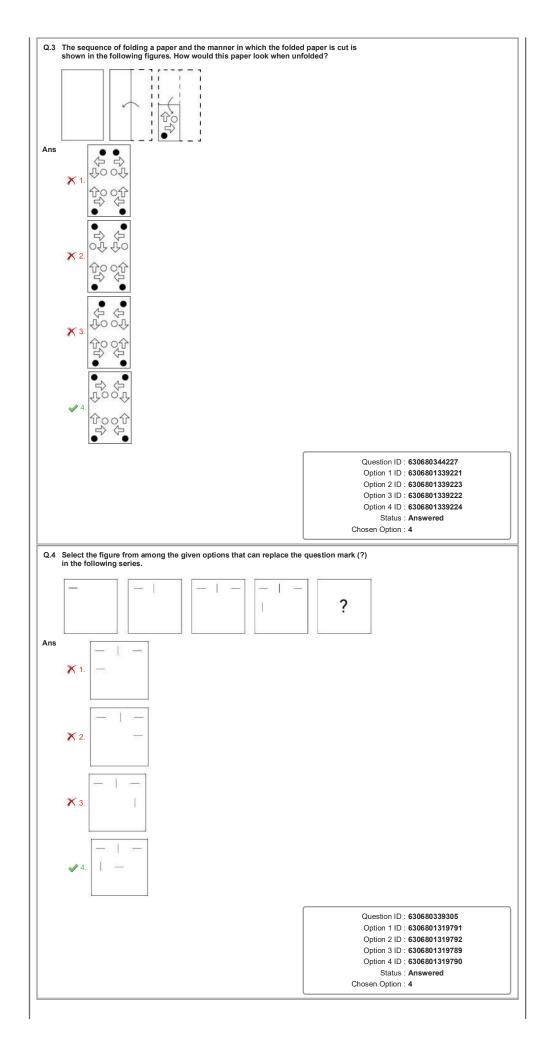
Option 1 ID: 630680512639

Option 2 ID: 630680512640 Option 3 ID : 630680512638

Option 4 ID : 630680512641

Status: Answered

Chosen Option: 3



Q.5 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.

READER: ERZWRE:: SERIAL: ESIRLA:: JINGLE:? Ans X 1. JIGNEL X 2. IJGNEL X 3. JIMTEL Question ID: 630680416200 Option 1 ID: 6306801623563 Option 2 ID: 6306801623565 Option 3 ID : 6306801623566 Option 4 ID: 6306801623564 Status: Answered Chosen Option : 4 Q.6 In a certain code language, in a certain code language,

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

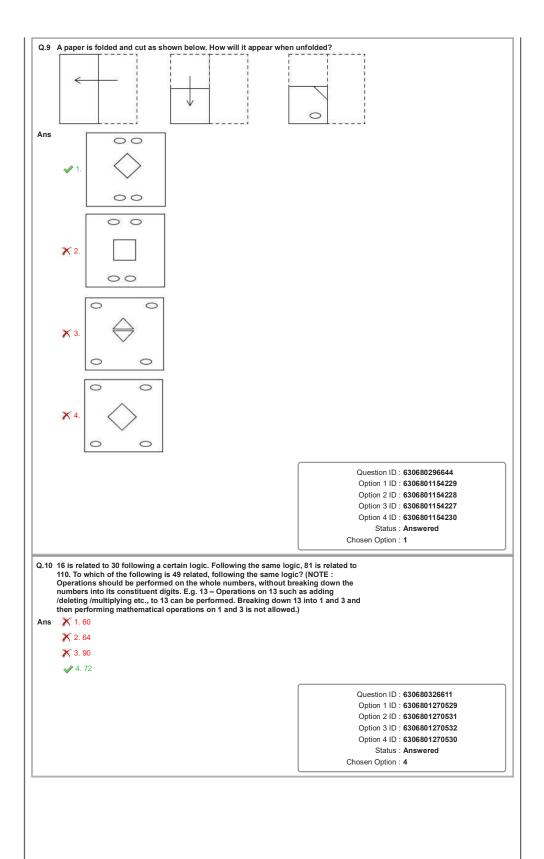
'A-B' means 'A is the father of B',

'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 husband of B'. Which of the following means P is the Son's wife of T? i. T / B – K * P + O ii. T + K * P + B % O iii. K * P + B % T + P iv. P + T * K + B % O Ans X 1. Only ii X 2. iii and iv X 3. Only i 4. Both i and ii Question ID: 630680797023 Option 1 ID: 6306803123049 Option 2 ID : 6306803123051 Option 3 ID : 6306803123048 Option 4 ID: 6306803123050 Status : Answered Chosen Option : 1 Q.7 In a certain code language, 'RETAINED' is written as 'ENIATERD' and 'MATURITY' is written as 'TIRUTAMY'. How will 'FIREWALL' be written in that language? Ans X 1. LAWEFIFR X 2. FLIREWAL X 4. FLLAWERI Question ID: 630680172174 Option 1 ID: 630680667133 Option 2 ID: 630680667134 Option 3 ID: 630680667132 Option 4 ID: 630680667135 Status : Answered Chosen Option: 3 Q.8 What should come in place of the question mark (?) in the given series? 9 17 33 65 129 ? Ans X 1. 259 **2**. 257 X 3. 258 X 4. 254 Question ID: 630680772992 Option 1 ID: 6306803029948 Option 2 ID: 6306803029945 Option 3 ID: 6306803029947 Option 4 ID: 6306803029946 Status: Answered Chosen Option: 2

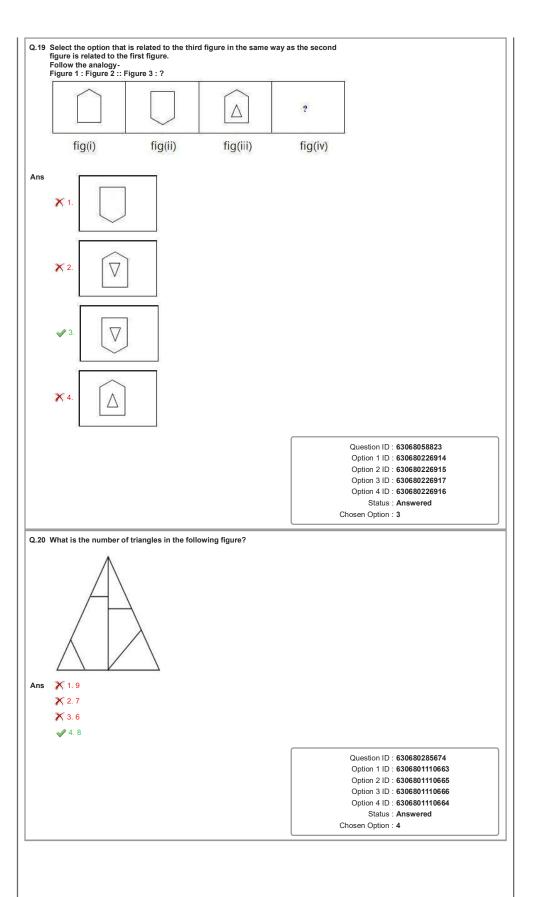


Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. Statements: Some Toys are Plastic.
Some Plastic are Metal.
No Metal is Chemical. Conclusions: (I) Some Chemicals are Plastic. (II) No Toy is a Chemical. Ans X 1. Only conclusion (I) follows. X 2. Both conclusions (I) and (II) follow. X 4. Only conclusion (II) follows. Question ID: 630680388252 Option 1 ID: 6306801513530 Option 2 ID : 6306801513533 Option 3 ID: 6306801513532 Option 4 ID : 6306801513531 Status : Answered Chosen Option : 3 Q.12 The position of how many letters will remain unchanged if each of the letters in the word 'SIGHTED' is arranged in the English alphabetical order? Ans X 1. None X 2. Three ✓ 3. Two X 4. One Question ID: 630680327760 Option 1 ID : 6306801275029 Option 2 ID: 6306801275032 Option 3 ID : 6306801275031 Option 4 ID: 6306801275030 Status: Answered Chosen Option : 3

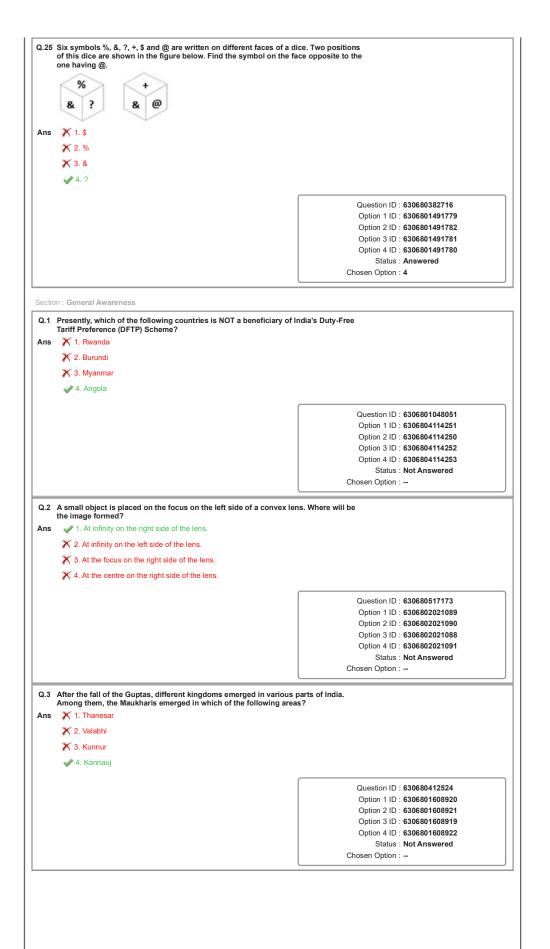
Q.13 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. Ans Question ID: 630680318350 Option 1 ID : 6306801238479 Option 2 ID : 6306801238478 Option 3 ID: 6306801238477 Option 4 ID: 6306801238480 Status : Answered Chosen Option : 2 Q.14 Which of the following terms will replace the question mark (?) in the given series? RLYV, PJWT, NHUR, ? , JDQN Ans X 1. LFTP X 2. LGTP X 4. LGSP Question ID: 630680416990 Option 1 ID : 6306801626725 Option 2 ID : 6306801626726 Option 3 ID: 6306801626723 Option 4 ID : 6306801626724 Status : Answered Chosen Option : 3

Q.15 Three of the following four number-pairs are alike in a certain way and thus form a group. Which number-pair does NOT belong to that group?

(NOTE: The relation should be found without breaking down the numbers into its Ans X 1. 31, 41 **2**. 73, 79 X 3. 83, 97 **X** 4. 61,71 Question ID: 630680412043 Option 1 ID: 6306801607008 Option 2 ID: 6306801607009 Option 3 ID : 6306801607010 Option 4 ID: 6306801607007 Status : Answered Chosen Option : 2 Q.16 Read the given statements and conclusions carefully. You have to take the given statements to be true if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow(s) from the given statements. Statements: All fruit are sour. Some sour are vegetables. Some vegetables are green. Conclusions: (I) All vegetables are sour. (II) Some sour are green. ✓ 1. Neither conclusion (I) nor (II) follows X 2. Both conclusions (I) and (II) follow X 3. Only conclusion (II) follows X 4. Only conclusion (I) follows Question ID: 630680387331 Option 1 ID: 6306801510012 Option 2 ID: 6306801510013 Option 3 ID: 6306801510011 Option 4 ID: 6306801510010 Status : Answered Chosen Option : 1 Q.17 What will come in place of the question mark (?) in the following equation, if 'x' is replaced by ' \div ', ' \div ' is replaced by '+', '+' is replaced by ' \times ' and '-' remains unchanged? $42 \times 3 \div 4 + 9 - 17 = ?$ Ans 🗳 1. 33 X 2. 30 X 3. 23 X 4. 29 Question ID: 630680338982 Option 1 ID: 6306801318517 Option 2 ID: 6306801318518 Option 3 ID : **6306801318519** Option 4 ID: 6306801318520 Status: Answered Chosen Option : 1 Q.18 'रिक्त' का संबंध 'खाली' से उसी प्रकार है, जैसे 'भीड़' का संबंध '____ Ans 💢 1. अकेला 🚀 २. जमघट 🗶 ३. उखड़ना 🗶 ४. कष्ट Question ID: 630680416730 Option 1 ID: 6306801625685 Option 2 ID: 6306801625684 Option 3 ID: 6306801625686 Option 4 ID: 6306801625683 Status: Answered Chosen Option : 2



Q.21 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and ' \div ' are interchanged? 107 + 2028 × 6 – 427 \div 7 = ? Ans X 1. 2785 **2**. 2758 X 3. 2578 X 4. 2268 Question ID: 630680411718 Option 1 ID: 6306801605709 Option 2 ID: 6306801605707 Option 3 ID : 6306801605708 Option 4 ID : 6306801605710 Status: Answered Chosen Option : 2 Q.22 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series f h _ h _ g f _ h g _ h _ f f _ g _ h _ f Ans X 1. ghffghfg X 2. ghfhgffg X 3. g h f h g h f g 4. g h f h g h h g Question ID: 630680261878 Option 1 ID: 6306801017169 Option 2 ID: 6306801017168 Option 3 ID: 6306801017167 Option 4 ID : 6306801017170 Status : Answered Chosen Option: 4 Q.23 Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster. Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster. Ans 🚀 1. SVXZ X 2. TWYZ ※ 3. EHJK X 4. YBDE Question ID: 630680416106 Option 1 ID: 6306801623189 Option 2 ID: 6306801623188 Option 3 ID: 6306801623190 Option 4 ID: 6306801623187 Status : Answered Chosen Option: 1 Q.24 Select the triad in which the numbers are related to each other in the same way as are the numbers of the given triads. (148, 126, 104), (98, 76, 54) (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. (149, 137, 115) 2. (157, 135, 113) X 3. (128, 104, 82) **X** 4. (134, 102, 90) Question ID: 630680319361 Option 1 ID : 6306801242351 Option 2 ID: 6306801242350 Option 3 ID: 6306801242352 Option 4 ID: 6306801242349 Status: Answered Chosen Option : 2



Q.4 Which of the following is a public sector industry? Ans X 1. Adani ✓ 2. BHEL X 3. Reliance X 4. Tata Question ID: 630680302655 Option 1 ID: 6306801177289 Option 2 ID : 6306801177288 Option 3 ID: 6306801177286 Option 4 ID : 6306801177287 Status: Answered Chosen Option : 2 Q.5 Indian National Army was formed in which of the following countries? Ans X 1. Japan X 2. London X 3. Germany 4. Singapore Question ID: 630680412381 Option 1 ID: 6306801608349 Option 2 ID: 6306801608348 Option 3 ID : 6306801608350 Option 4 ID: 6306801608347 Status : Answered Chosen Option : 4 Q.6 Which of the following nations won the ICC World Test Championship, defeating India, in 2023? Ans 🗳 1. Australia X 2. England X 3. South Africa X 4. New Zealand Question ID: 630680510805 Option 1 ID: 6306801996351 Option 2 ID: 6306801996350 Option 3 ID: 6306801996352 Option 4 ID: 6306801996353 Status: Not Answered Chosen Option : --Q.7 One of the greatest of Chola ruler Rajaraja I ruled from 985 AD to _ Ans X 1. 1015 AD X 2. 1017 AD X 3. 1018 AD Question ID : 630680412285 Option 1 ID: 6306801607964 Option 2 ID: 6306801607965 Option 3 ID: 6306801607966 Option 4 ID: 6306801607963 Status: Not Answered Chosen Option : --Q.8 Indian Olympic Association was established in which of the following years? Ans X 1. 1929 **X** 2. 1933 **3**. 1927 **X** 4. 1931 Question ID: 630680309503 Option 1 ID: 6306801204166 Option 2 ID: 6306801204168 Option 3 ID : 6306801204165 Option 4 ID : 6306801204167 Status: Not AnsweredChosen Option : --

Q.9 Which of following is NOT a device of parliamentary proceedings? Ans X 1. Half-an-hour discussion 2. Full-day discussion X 3. Two-hour (short) discussion X 4. Zero-hour discussion Question ID: 630680215487 Option 1 ID: 630680835927 Option 2 ID: 630680835930 Option 3 ID: 630680835928 Option 4 ID : 630680835929 Status: Answered Chosen Option : 4 Q.10 Which of the following rivers marks the eastern-most boundary of the Himalayas? Ans X 1. Kali X 2. Teesta X 3. Satluj 4. Brahmaputra Question ID: 630680309100 Option 1 ID: 6306801202578 Option 2 ID: 6306801202579 Option 3 ID : 6306801202577 Option 4 ID: 6306801202580 Status : Answered Chosen Option : 2 Q.11 Padma Bhushan awardee, Ustad Sabri Khan played which of the following musical instruments? Ans X 1. Tabla X 2. Sarod 3. Sarangi X 4. Santoor Question ID: 630680415787 Option 1 ID: 6306801621894 Option 2 ID : **6306801621892** Option 3 ID: 6306801621891 Option 4 ID: 6306801621893 Status : Answered Chosen Option : 4 Q.12 Exfoliation is a form of _ Ans X 1. chemical weathering X 2. biochemical weathering 3. physical weathering X 4. mass wasting Question ID : 630680184321 Option 1 ID: 630680714293 Option 2 ID: 630680714294 Option 3 ID: 630680714295 Option 4 ID: 630680714296 Status: Not Answered Chosen Option : --Q.13 Which of the following Articles deals with the composition of the Rajya Sabha? Ans X 1. Article 92 X 2. Article 76 X 3. Article 84 4. Article 80 Question ID: 630680413115 Option 1 ID: 6306801611285 Option 2 ID: 6306801611286 Option 3 ID: 6306801611284 Option 4 ID : 6306801611283 Status: Answered Chosen Option: 4

Q.14 Which of the following is India's national academy of dance? Ans X 1. Lalit Kala Akademi X 2. Centre for Indian Classical Dances X 3. Centre for Cultural Resources and Training 4. Sangeet Natak Akademi Question ID: 630680157848 Option 1 ID: 630680610920 Option 2 ID: 630680610923 Option 3 ID: 630680610922 Option 4 ID : 630680610921 Status : Answered Chosen Option : 4 Q.15 What is the empirically fitted relationship between the rate of change of money, wage, and rate of unemployment known as? Ans X 1. Keynesian model 2. Philips curve X 3. Friedman's model X 4. Baumol hypothesis Question ID: 630680193004 Option 1 ID : 630680748554 Option 2 ID: 630680748556 Option 3 ID: 630680748555 Option 4 ID: 630680748553 Status : Not Answered Chosen Option : --Q.16 Match the following neighbouring countries with their official languages correctly. Official Languages Country name 1. Afghanistan a. Dzongkha 2. Bhutan b. Burmese 3. Pakistan c. Dari d. Urdu 4. Myanmar Ans X 1. 1-c, 2-a, 3-b, 4-d X 2. 1-a, 2-c, 3-d, 4-b X 3. 1-c, 2-d, 3-a, 4-b √ 4. 1-c, 2-a, 3-d, 4-b Question ID : 630680162105 Option 1 ID: 630680627730 Option 2 ID : 630680627728 Option 3 ID: 630680627729 Option 4 ID : 630680627731 Status: Answered Chosen Option: 4 Q.17 Who asked James Rennel to prepare the map of Hindustan? Ans X 1. Lord Dalhousie 2. Robert Clive X 3. Lord Ripen X 4. Warren Hastings Question ID: 630680511545 Option 1 ID: 6306801999305 Option 2 ID : **6306801999303** Option 3 ID : 6306801999304 Option 4 ID: 6306801999302 Status : Not Answered Chosen Option : --

	The birth anniversary of Mahatma Gandhi is celebrated as In which of the following years was Gandhi ji born?	uie nauonai restivai of india.
Ans	✓ 1. 1869	
	2. 1890	
	× 3. 1885	
	X 4. 1877	
		Question ID : 630680216076
		Option 1 ID: 630680838279 Option 2 ID: 630680838282
		Option 3 ID : 630680838281
		Option 4 ID : 630680838280
		Status : Answered
		Chosen Option : 1
	Who among the following is appointed as the new Chairma Regulatory and Development Authority (PFRDA) in March	
Ans	1. Mamta Shankar	
	X 2. Supratim Bandopadhyay	
	X 3. Shasikanta Das	
	✓ 4. Deepak Mohanty	
	4. Deepak Monanty	
		Question ID: 630680413025
		Option 1 ID : 6306801610925
		Option 2 ID : 6306801610923
		Option 3 ID : 6306801610926
		Option 4 ID : 6306801610924 Status : Not Answered
		Chosen Option :
	Transition elements are the elements that are found in Groperiodic table, that constitute the	ups 3-12 of the modern
Ans	1. f-block	
	✓ 2. d-block	
	X 3. p-block	
	X 4. s-block	
	4. S-DIOCK	
		Question ID : 63068092594
		Option 1 ID : 630680359109
		Option 2 ID : 630680359108
		Option 3 ID : 630680359107
		Option 4 ID : 630680359106
		Status : Not Answered Chosen Option :
	Which Article in the fundamental duty applies, when a con year son to the site rather than sending him to school?	struction worker takes his 8-
Ans	X 1. Article 51A (h)	
	2. Article 51A (i)	
	3. Article 51A (j)	
	✓ 4. Article 51A (k)	
	▼ 1.7 # # # O TA (N)	
		Question ID : 630680229958
		Option 1 ID : 630680892271
		Option 2 ID : 630680892272
		Option 3 ID : 630680892273
		Option 4 ID : 630680892274
		Status : Answered Chosen Option : 4
		Chosen Option . 4
	The Nandi Award for Best Male Playback Singer was instit	uted by which state in the
Ans	year 1977? 1. Andhra Pradesh	
-115		
	X 2. Maharashtra	
	X 3. Tripura	
	X 4. Gujarat	
		Question ID : 630680511797
		Option 1 ID : 6306802000159
		Option 2 ID : 6306802000161
		Option 3 ID : 6306802000160
		Option 4 ID : 6306802000158
		Status : Not Answered
		Chosen Option :

Q.23 Which Bill was passed by the Parliament, in July 2021, to help in the availability of working capital for the micro, small and medium enterprises sector? ✓ 1. The Factoring Regulation (Amendment) Bill, 2021 X 2. The Minerals Laws (Amendment) Bill, 2020 ★ 3. The Insolvency and Bankruptcy Code (Amendment) Bill, 2021 🗶 4. The Essential Commodities (Amendment) Bill, 2020 Question ID: 630680158398 Option 1 ID: 630680613122 Option 2 ID : 630680613121 Option 3 ID: 630680613123 Option 4 ID: 630680613120 Status : Not Answered Chosen Option : --Q.24 Identify the structural formula for magnesium hydroxide. X 2. MgO₂ ※ 3. Mg₂H₂ X 4. MgOH Question ID: 630680407436 Option 1 ID: 6306801588684 Option 2 ID: 6306801588683 Option 3 ID: 6306801588685 Option 4 ID : 6306801588682 Status: Answered Chosen Option : 1 Q.25 What kind of phyllotaxy was examined in the Guava plant? Ans X 1. Superimposed X 2. Whorled X 3. Alternate 4. Opposite Question ID: 630680210519 Option 1 ID: 630680816237 Option 2 ID : 630680816238 Option 3 ID: 630680816235 Option 4 ID: 630680816236 Status: Not Answered Chosen Option : --Section: Quantitative Aptitude Q.1 The given graph represents the data on the ages of various children. Study the given graph and answer the question that follows. Age distribution of children 3 Age (in years) What is the difference between the mean and mode of the ages? Ans X 1. 0.5 X 2. 1 **3**. 0 **X** 4. 2 Question ID: 630680428135 Option 1 ID: 6306801670586 Option 2 ID: 6306801670585 Option 3 ID: 6306801670584 Option 4 ID: 6306801670587 Status : Not Answered Chosen Option : --

Q.2 P and Q are two fixed points 10 cm apart, and R is a point on PQ such that PR = 6 cm. By what percentage is the length of QR decreased when the length of PR is increased by 5%? Ans X 1.7% X 2. 8.5% **3**. 7.5% X 4.8% Question ID: 630680427948 Option 1 ID: 6306801669836 Option 2 ID: 6306801669839 Option 3 ID : 6306801669837 Option 4 ID : 6306801669838 Status: Answered Chosen Option: 3 Q.3 A trader owes a merchant ₹9,810 due in 1 year, but the trader wants to settle the account after 6 months. If the rate of simple interest is 9% per annum, how much cash (in ₹) should he pay? Ans X 1. 9,550 **2**. 9,405 **X** 3. 9,450 **X** 4. 9,540 Question ID: 630680388853 Option 1 ID: 6306801515877 Option 2 ID: 6306801515875 Option 3 ID: 6306801515876 Option 4 ID : 6306801515874 Status : Not Attempted and Marked For Review Chosen Option : --Q.4 A discount series of 10% and 16% on an invoice is the same as a single discount of: Ans 🚀 1. 24.4% × 2. 23.4% X 3. 21.4% X 4. 22.4% Question ID: 630680150538 Option 1 ID: 630680582271 Option 2 ID: 630680582269 Option 3 ID: 630680582268 Option 4 ID: 630680582270 Status : Answered Chosen Option : 1 Q.5 P and Q start running in opposite directions on a circular track from the same point. If their speeds are 10 m/s and 8 m/s, respectively, then after what time will they meet if the length of the track is 1620 m? Ans X 1. 110 seconds X 2. 70 seconds X 3. 120 seconds 4 90 seconds Question ID: 630680125168 Option 1 ID : 630680485452 Option 2 ID : **630680485450** Option 3 ID : 630680485453 Option 4 ID: 630680485451 Status : Answered Chosen Option : 4 Q.6 Two different quantities of the same solution having ingredients A and B are stored in two different containers. In the first container, there are 252 litre of A and 441 litre of B. In the second container, the total quantity of the solution was 1188 litre. How much of the solution in the second container was made up of ingredient B? 1. 756 litre X 2. 760 litre X 3. 765 litre X 4. 752 litre Question ID: 630680428742 Option 1 ID: 6306801673014 Option 2 ID: 6306801673015 Option 3 ID: 6306801673013 Option 4 ID: 6306801673012 Status: Not Answered Chosen Option : --

Q.7 The radius of the circle is 8 cm. The distance of a point lying outside the circle from the centre is 17 cm. The length of the tangent drawn from the outside point to the circle is: Ans X 1. 16 cm X 2. 19 cm X 3. 18 cm √ 4. 15 cm Question ID: 630680296214 Option 1 ID: 6306801152527 Option 2 ID: 6306801152526 Option 3 ID : 6306801152524 Option 4 ID : 6306801152525 Status : Answered Chosen Option : 4 Q.8 Which digits should come in the place of x and y, respectively, if the number 62684xy is divisible by both 8 and 5? Ans X 1. 0 and 5 2. 4 and 0 X 3. 5 and 0 X 4. 2 and 0 Question ID: 630680119827 Option 1 ID: 630680464376 Option 2 ID: 630680464377 Option 3 ID: 630680464375 Option 4 ID : 630680464374 Status: Answered Chosen Option : 2 A chord of the larger among two concentric circles is of length 20 cm and it is tangent to the smaller circle. What is the area (in cm2) of the annular portion between the two circles? × 1. 164π √ 2. 100π × 3. 175π × 4. 122π Question ID: 630680358047 Option 1 ID: 6306801394178 Option 2 ID: 6306801394180 Option 3 ID: 6306801394177 Option 4 ID: 6306801394179 Status: Marked For Review Chosen Option : 2 Q.10 Simplify $1\frac{1}{3}+1\frac{3}{4}\times1\frac{2}{3}\div3\frac{1}{2}$ Question ID: 630680427971 Option 1 ID: 6306801669929 Option 2 ID: 6306801669930 Option 3 ID: 6306801669931 Option 4 ID: 6306801669928 Status : Answered Chosen Option : 4

```
Q.11 ABC is an equilateral triangle. P, Q and R are the mid-points of sides AB, BC and CA, respectively. If the length of the side of the triangle ABC is 11 cm, then the area (n\ cm^2) of \Delta\ PQR is:
Question ID: 630680397717
                                                                                                Option 1 ID: 6306801550846
                                                                                                Option 2 ID: 6306801550844
                                                                                                Option 3 ID: 6306801550843
                                                                                                Option 4 ID: 6306801550845
                                                                                                     Status : Answered
                                                                                            Chosen Option : 2
      If \frac{\tan(x)}{\sec(x)} = \frac{1}{2}, then the value of (\sin(x) + \cos(x))^2 is ____.
                                                                                                Question ID: 630680518889
                                                                                                Option 1 ID : 6306802028028
                                                                                                Option 2 ID: 6306802028030
                                                                                                Option 3 ID: 6306802028031
                                                                                                Option 4 ID : 6306802028029
                                                                                                     Status: Not Answered
                                                                                             Chosen Option : --
QA pipe can fill an empty tank in 5 minutes and another pipe can empty it in 6 minutes. If both pipes are opened simultaneously
A X 1. 33 min
n
s
   X 3. 35 min

√ 4. 30 min
```

Let a+b=1, then the value of $\left(\frac{1}{a^2}+\frac{1}{b^2}+\frac{2}{ab}\right)$ is:

Question ID: 630680413485 Option 1 ID: 6306801612765 Option 2 ID: 6306801612767 Option 3 ID : 6306801612766 Option 4 ID: 6306801612764 Status : Not Answered Chosen Option : --

If $\sin B = \frac{15}{17}$, what is the value of $\cos B(\sec B - \tan B)$? Given that $0 < B < \frac{\pi}{2}$ A $\times 1. \frac{8}{15}$ 2. $\frac{2}{17}$ 3. $\frac{1}{16}$ 4. $\frac{2}{15}$

Question ID: 630680402331 Option 1 ID: 6306801568895 Option 2 ID : 6306801568898 Option 3 ID: 6306801568896 Option 4 ID : 6306801568897 Status : Answered Chosen Option : 2

Q.16 Ramesh sells rice at ₹36 per kg, which he purchased for ₹30 per kg. Moreover, he gives only 800 g of rice instead of 1 kg while selling. Find the actual profit percentage of Ramesh.

Ans 💉 1. 50%

× 2. 46%

X 3. 52%

Question ID: 630680429026 Option 1 ID: 6306801674149 Option 2 ID: 6306801674151 Option 3 ID: 6306801674148 Option 4 ID: 6306801674150 Status : Answered Chosen Option : 1

Q.17 The following table indicates the number of students studying in three subjects in four

Subjects		Coll	leges	
	W	X	Y	Z
Physics	420	435	412	285
Chemistry	380	340	315	420
Mathematics	256	310	295	345

What is the ratio of the total number of students studying in the Physics to that of studying in Mathematics in all four colleges taken together?

Ans X 1. 576 : 731

2. 776 : 603

X 3. 781 : 585

X 4. 775 : 601

Question ID: 630680523803 Option 1 ID: 6306802047363

Option 2 ID : 6306802047364

Option 3 ID: 6306802047366

Option 4 ID: 6306802047365

Status : Answered

Chosen Option : 2

Q.18 A circle's centre is connected to its 50 cm long chord by a perpendicular that is 21 cm long. Find the circle's radius.

Ans $\times 1.\sqrt{1068}$ cm

× 2. √1065 cm

× 3. √1064 cm

4 √1066 cm

Question ID: 630680404294

Option 1 ID: 6306801576681

Option 2 ID: 6306801576679

Option 3 ID : 6306801576678

Option 4 ID: 6306801576680 Status : Answered

Chosen Option: 4

Q.19 For which of the following values of a and b do the given equations, have NO solution? $x - ay = 2 - a \\ (1 - a)x + 6y = a + b$

Ans $X = 3, b \neq 1$

X 2. a = -3,b ≠ 1

X 3. a = -3,b ≠ -1

√ 4. a = 3,b ≠-1

Question ID: 630680285464

Option 1 ID: 6306801109823

Option 2 ID: 6306801109825

Option 3 ID : 6306801109826 Option 4 ID: 6306801109824

Status : Not Answered

Chosen Option : --

Q.20

Simplify $\frac{25a^2 - 10ab - 48b^2}{5a + 6b} \times (5a + 8b)$

Ans \times 1. $(5a + 8b)^2$

 $\sqrt{2.25a^2-64b^2}$

 \times 3. $(5a - 8b)^2$

 \times 4. $25a^2 - 36b^2$

Question ID: 630680413458

Option 1 ID: 6306801612656

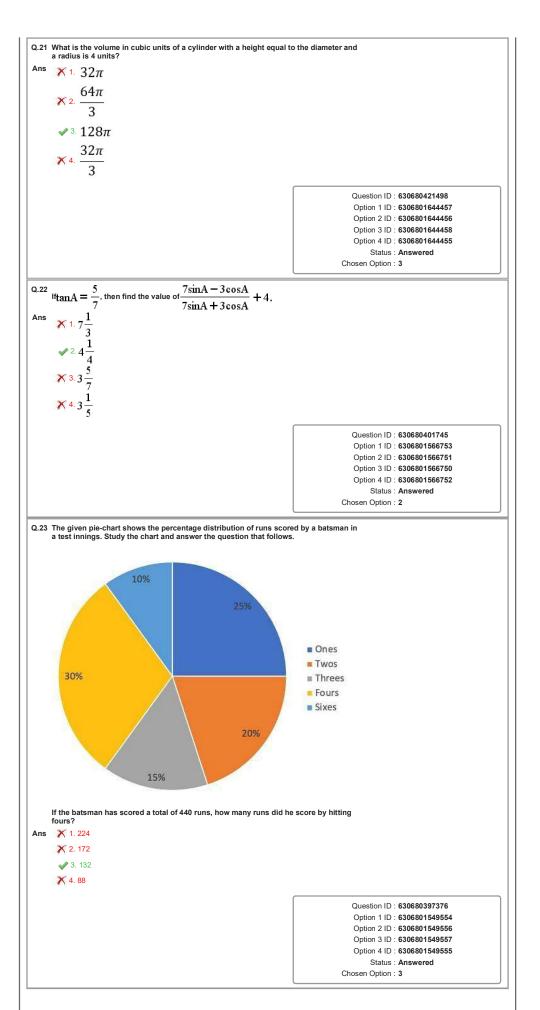
Option 2 ID: 6306801612659

Option 3 ID: 6306801612657

Option 4 ID: 6306801612658

Status: Not Answered

Chosen Option : --



Q.24 The given table shows the number of runs scored in IPL matches by four Indian

Player	Runs scored
P	800
Q	620
R	1200
S	650

What is the total number of runs scored by all four batsmen?

Ans X 1. 3300

2. 3270 X 3. 2900

X 4. 3760

Question ID: 630680428137 Option 1 ID: 6306801670593

Option 2 ID : 6306801670592 Option 3 ID: 6306801670595

Option 4 ID: 6306801670594 Status : Answered

Chosen Option : 2

Q.25 2 varieties of tea powders worth ₹250/kg and ₹300/kg are mixed with a third variety of tea powder in the ratio 1 : 1 : 2. If the mixture is worth ₹350/kg, find the price of the third variety tea powder.

Ans X 1. ₹500/kg

X 2. ₹450/kg

X 3. ₹400/kg

4. ₹425/kg

Question ID: 630680518851

Option 1 ID: 6306802027879

Option 2 ID : **6306802027876**

Option 3 ID: 6306802027878

Option 4 ID: 6306802027877 Status : Answered

Chosen Option : 4

Section: English Comprehension

Q.1 Select the option that expresses the given sentence in passive voice. The children have made the box.

Ans X 1. Children had made the box.

✗ 2. The box is being made by the children.

X 4. The box had been made by the children

Question ID: 630680415266

Option 1 ID: 6306801619813

Option 2 ID: 6306801619814 Option 3 ID : 6306801619811

Option 4 ID: 6306801619812

Status : Answered

Chosen Option : 3

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

One who eats a lot

Ans X 1. Chef

X 2. Steward

X 3. Chauffeur

4. Glutton

Question ID: 630680405385

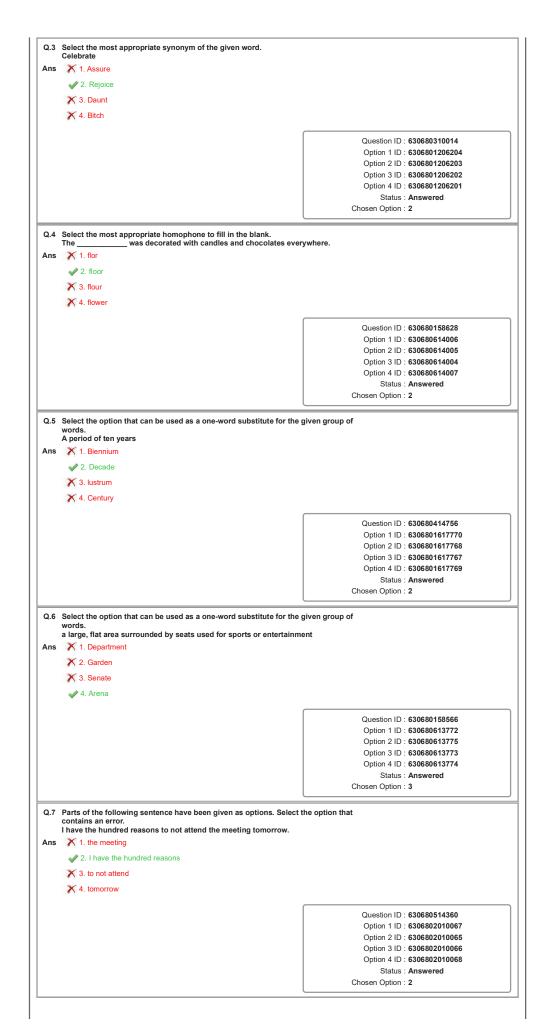
Option 1 ID: 6306801580751

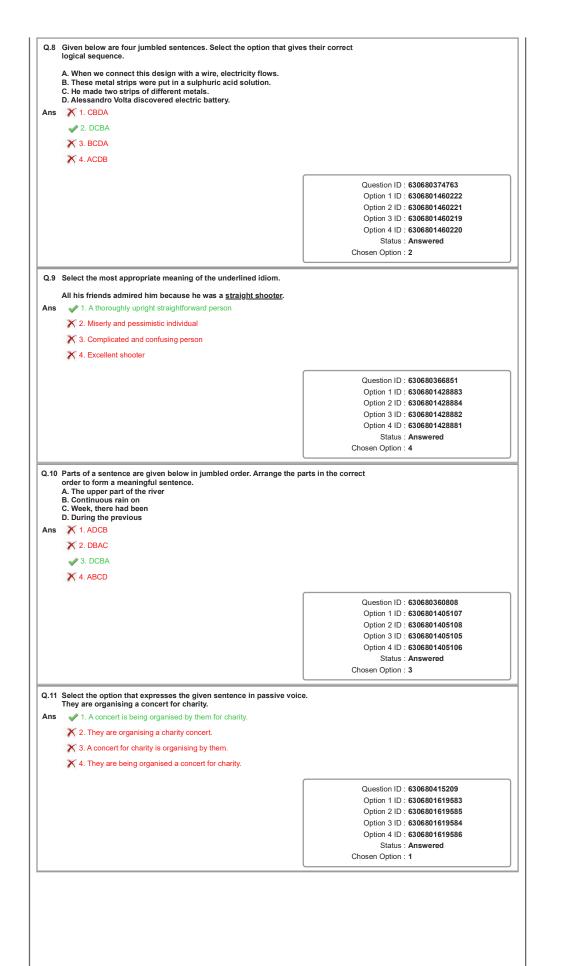
Option 2 ID: 6306801580750

Option 3 ID: 6306801580752

Option 4 ID : 6306801580753 Status : Answered

Chosen Option : 4





Q.12 Select the most appropriate ANTONYM of the underlined word. I was happy to know that Sheila passed her final exams. Ans X 1. upbeat ✓ 2. Sad X 3. Excited X 4. Joyful Question ID: 630680377259 Option 1 ID: 6306801470100 Option 2 ID: 6306801470099 Option 3 ID : 6306801470102 Option 4 ID: 6306801470101 Status: Answered Chosen Option: 2 Q.13 Select the most appropriate option to substitute the underlined word segment in the given sentence.
The wedding was <u>put on</u> until January. Ans X 1. put in X 2. put up 3. put off X 4. put down Question ID: 630680168515 Option 1 ID: 630680652674 Option 2 ID: 630680652675 Option 3 ID: 630680652673 Option 4 ID : 630680652672 Status : Answered Chosen Option: 3 Q.14 Select the most appropriate ANTONYM of the word in brackets to fill in the blank. Sheila ______ (failed) all her classes. Ans X 1. fizzled X 2. flopped X 3. flunked 4. passed Question ID: 630680158585 Option 1 ID: 630680613851 Option 2 ID: 630680613850 Option 3 ID: 630680613849 Option 4 ID: 630680613848 Status : Answered Chosen Option: 4 Q.15 Select the most appropriate ANTONYM of the word in the brackets to fill in the blank. She ___ the target by an inch and lost the gold medal. [hit] Ans X 1. cleaned 2. missed X 3. bashed X 4. touched Question ID: 630680132564 Option 1 ID: 630680513391 Option 2 ID : **630680513390** Option 3 ID: 630680513392 Option 4 ID: 630680513393 Status : Answered Chosen Option : 2 Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

After I retire, I started a second career / as a writer and published several books / which allowed me to share my stories / and insights with a wider audience. Ans X 1. which allowed me to share my stories 2. After I retire, I started a second career X 3. and insights with a wider audience X 4. as a writer and published several books Question ID: 630680512938 Option 1 ID: 6306802004700 Option 2 ID: 6306802004698 Option 3 ID: 6306802004701 Option 4 ID: 6306802004699 Status : Answered Chosen Option : 2

Q.17 Select the INCORRECTLY spelt word. Ans 🗳 1. Occurence X 2. Harassment X 3. Supersede X 4. Exaggerate Question ID: 630680377268 Option 1 ID : 6306801470137 Option 2 ID: 6306801470138 Option 3 ID: 6306801470136 Option 4 ID : 6306801470135 Status : Answered Chosen Option : 3 Q.18 Select the most appropriate meaning of the underlined idiom.

My uncle lives in New York, so I only see him <u>once in a blue moon</u>. Ans X 1. Monthly X 2. Weekly X 3. Very often 4. Not very often Question ID: 630680374331 Option 1 ID : 6306801458518 Option 2 ID: 6306801458517 Option 3 ID : **6306801458515** Option 4 ID: 6306801458516 Status : Answered Chosen Option : 4 Q.19 Select the INCORRECTLY spelt word Ans 🗳 1. Tangiable X 2. Terracotta X 3. Terracide X 4. Tertial Question ID: 630680409969 Option 1 ID: 6306801598705 Option 2 ID: 6306801598707 Option 3 ID: 6306801598708 Option 4 ID: 6306801598706 Status : Answered Chosen Option : 1 Q.20 Select the most appropriate synonym for the underlined word in the given sentence. One of Ram's leisure activities is tennis. Ans X 1. Languish X 2. Main 3. Recreation X 4. Lead Question ID: 630680167057 Option 1 ID: 630680647089 Option 2 ID: 630680647091 Option 3 ID: 630680647088 Option 4 ID: 630680647090 Status : Answered Chosen Option : 1

Q.21 Ans	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. Earthquake is the (1)
	Question ID: 630680171754 Option 1 ID: 630680665452 Option 2 ID: 630680665453 Option 3 ID: 630680665454 Option 4 ID: 630680665451 Status: Answered Chosen Option: 3
Q.22 Ans	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. Earthquake is the (1)
	Question ID: 630680171755 Option 1 ID: 630680665457 Option 2 ID: 630680665456 Option 3 ID: 630680665455 Option 4 ID: 630680665458 Status: Answered Chosen Option: 3
Q.23 Ans	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. Earthquake is the (1)
	Question ID: 630680171756

	Comprehension:	
	In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank. Earthquake is the (1) breaking and displacement of substantienth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2) by earthquakes can cause significations of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5)	ial portions of the :ause rivers to change ant destruction and / large earthquakes y (4) and
	earthquake relies on how much and how far rock cracks and shifts.	
	SubQuestion No : 24	
	Select the most appropriate option to fill in blank number 4.	
Ans	X 1. viability	
	× 2. survival	
	√ 3. fatalities	
	X 4. durability	
	1 to 2 to 3	
		Question ID : 630680171757
		Option 1 ID : 630680665463
		Option 2 ID : 630680665466
		Option 3 ID : 630680665465
		Option 4 ID : 630680665464
		Status : Answered Chosen Option : 3
		Chosen Option . 3
	Comprehension: In the following passage, some words have been deleted. Read the passelect the most appropriate option to fill in each blank.	•
	In the following passage, some words have been deleted. Read the pass	ial portions of the lause rivers to change ant destruction and / large earthquakes y (4)
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	ial portions of the lause rivers to change ant destruction and / large earthquakes y (4)
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	ial portions of the ause rivers to change ant destruction and / large earthquakes / y (4) and of an
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	Question ID: 630680171758 Option 1 ID: 630680665469
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	Question ID : 630680171758 Option 1 ID : 630680665469 Option 2 ID : 630680665467
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	Question ID : 630680171758 Option 1 ID : 630680665469 Option 2 ID : 630680665468
Q.25 Ans	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	Question ID : 630680171758 Option 1 ID : 630680665469 Option 2 ID : 630680665467
	In the following passage, some words have been deleted. Read the pass select the most appropriate option to fill in each blank. Earthquake is the (1)breaking and displacement of substant earth's outer rocky crust. During an earthquake, rock disturbances can otheir flow. Landslides (2)by earthquakes can cause significal loss of life. Tsunamis are a (3) of damaging waves caused by that occur under the ocean. Earthquakes rarely directly kill anyone. Man injuries are caused by falling debris and the fall of structures. The (5) earthquake relies on how much and how far rock cracks and shifts. SubQuestion No: 25 Select the most appropriate option to fill in blank number 5. X 1. depth 2. magnitude X 3. corpse	Question ID : 630680171758