Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate	
Name	
Venue Name	
Exam Date	23/09/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 Based on the position in the English alphabetical order, three of the following letterclusters 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. PSKI

X 2. TWGD

X 3. JMQN

X 4. MPNK

Question ID: 630680416108 Option 1 ID: 6306801623198 Option 2 ID: 6306801623197

Option 3 ID : **6306801623196** Option 4 ID : **6306801623195** Status : **Answered**

Chosen Option: 1

Q.2 Which of the following terms will replace the question mark (?) in the given series? JHOQ, NFSO, ? , VBAK, ZZEI

Ans X 1. RCWM

X 2. RCXM

X 3. RDMW

√ 4. RDWM

Question ID: 630680417058

Option 1 ID: 6306801626998

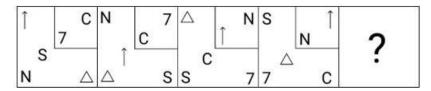
Option 2 ID: 6306801626996

Option 3 ID: 6306801626995

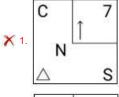
Option 4 ID: 6306801626997

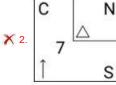
Status : Answered

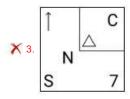
Q.3 Which figure should replace the question mark (?) if the following series were to be continued?

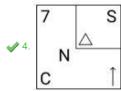


Ans









Question ID : 630680214467 Option 1 ID : 630680831900 Option 2 ID : 630680831901 Option 3 ID : 630680831899

Option 4 ID : **630680831902**Status : **Answered**

Chosen Option: 4

Q.4 Select the number that will come in the place of the question mark(?), if '+' and ' - ' are interchanged and 'x' and '÷' are interchanged 63 x 7 ÷ 13 - 64 + 42 = ?

63 × 7 ÷ 13 = 64 + 42 =

1. 139

Ans

X 2. 131

X 3. 144

X 4. 124

Question ID : **630680163584** Option 1 ID : **630680633522**

Option 2 ID : **630680633523** Option 3 ID : **630680633521** Option 4 ID : **630680633520**

Status : Answered

Q.5 In a certain code language, 'RADIO' is written as 'SZEHP' and 'FREQUENCY' is written as 'GQFPVDOBZ'. How will 'TELEVISION' be written in that language?

X 2. UDMDWHTHOM

X 3. UDMDWHTHPN

X 4. UDMDWHHTPM

Question ID : 630680416222 Option 1 ID : 6306801623652 Option 2 ID : 6306801623654 Option 3 ID : 6306801623653 Option 4 ID : 6306801623651 Status : Answered

Chosen Option : 1

Q.6 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.)

Ans X 1. 18 – 11 – 63

 \times 2. 12 – 8 – 36

√ 3. 21 − 14 − 72

X 4. 15 - 3 - 108

Question ID: 630680389589 Option 1 ID: 6306801518817 Option 2 ID: 6306801518815 Option 3 ID: 6306801518814 Option 4 ID: 6306801518816

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

Q.7 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

S_YA_FIKM_SUW

Ans X 1. UCP

√ 2. VCP

X 3. VCQ

X 4. VBP

Question ID : **630680417336** Option 1 ID : **6306801628110**

Option 2 ID : **6306801628107** Option 3 ID : **6306801628109**

Option 4 ID : **6306801628108**

Status : Marked For Review

Q.8 Find the correct combination of letters that when sequentially filled in the blanks of the given series will make the series logically complete.

ABF_HI_NOP_U_WABCDH_

Ans X 1. GMSVI

X 2. GMTUI

X 4. IMTVI

Question ID: 630680113687 Option 1 ID: 630680440283 Option 2 ID: 630680440285 Option 3 ID: 630680440284 Option 4 ID: 630680440282

Status : Answered

Chosen Option: 3

Q.9 Six letters P, J, U, W, L and K are written on different faces of a dice. Two positions of this dice are shown in the figures below. Find the letter on the face opposite to P.





Ans X 1. K

🥒 2. W

X 3. U

X 4. J

Question ID: 630680222366

Option 1 ID: 630680863298

Option 2 ID : **630680863295**

Option 3 ID : **630680863297** Option 4 ID : **630680863296**

Status : Answered

Chosen Option: 2

Q.10 Select the triad in which the numbers are related in the same way as are the numbers of the given triads.

(25, 22, 47), (31, 24, 55)

(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. (17, 15, 22)

X 2. (22, 19, 45)

3. (18, 21, 39)

X 4. (27, 25, 42)

Question ID: 630680319362

Option 1 ID: 6306801242356

Option 2 ID: 6306801242354

Option 3 ID: 6306801242353

Option 4 ID: 6306801242355

Status: Answered

Q.11 The position of how many letters will remain unchanged if all the letters in the word MOBILE are arranged in English alphabetical order? Ans X 1. Three X 2. One 3. None X 4. Two Question ID: 630680348537 Option 1 ID: 6306801356440 Option 2 ID: 6306801356438 Option 3 ID: 6306801356437 Option 4 ID: 6306801356439 Status: Answered Chosen Option: 3 Q.12 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $25 + 3 \div 9 - 14 \times 2 = ?$ Ans 🗳 1. 5 **X** 2.7 X 3. 12 **X** 4.0 Question ID: 630680339255 Option 1 ID: 6306801319589 Option 2 ID: 6306801319592 Option 3 ID: 6306801319591 Option 4 ID: 6306801319590 Status : Answered Chosen Option : 1

Q.13 A transparent sheet with a pattern is given below. Select the option that depicts the pattern that would appear when the given transparent sheet is folded at the middle Ans X 2. Question ID: 630680389399 Option 1 ID: 6306801518054 Option 2 ID: 6306801518056 Option 3 ID: 6306801518057 Option 4 ID: 6306801518055 Status: Answered Chosen Option: 4 Q.14 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the France: Gallic Rooster Ans X 1. New Zealand : Hornbill 2. Australia : Emu X 3. Germany : Swan X 4. India : Eagle Question ID: 630680417415 Option 1 ID: 6306801628423 Option 2 ID: 6306801628425 Option 3 ID: 6306801628426 Option 4 ID: 6306801628424 Status: Answered Chosen Option: 3

Q.15 12 is related to 235 by certain logic. Following the same logic, 14 is related to 287. To which of the following is 18 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans X 1.512

2. 415

X 3.438

X 4. 320

Question ID: 630680326556

Option 1 ID : **6306801270312** Option 2 ID : **6306801270309**

Option 3 ID : **6306801270311**

Option 4 ID : **6306801270310** Status : **Not Answered**

Chosen Option : --

Q.16 Select the option that can replace the question mark (?) in the following series. BH14, CJ17, DL20, EN23, ?

Ans 🚀 1. FP26

X 2. GO24

X 3. GP26

X 4. FO24

Question ID: 630680416296

Option 1 ID : 6306801623948

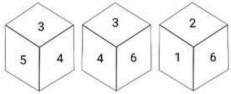
Option 2 ID : 6306801623947

Option 3 ID: 6306801623949

Option 4 ID : **6306801623950** Status : **Answered**

Chosen Option: 1

Q.17 Three different positions of the same dice are given. Find the number on the face opposite to the face showing '2'.



Ans X 1.6

X 2.4

3. 3

X 4.1

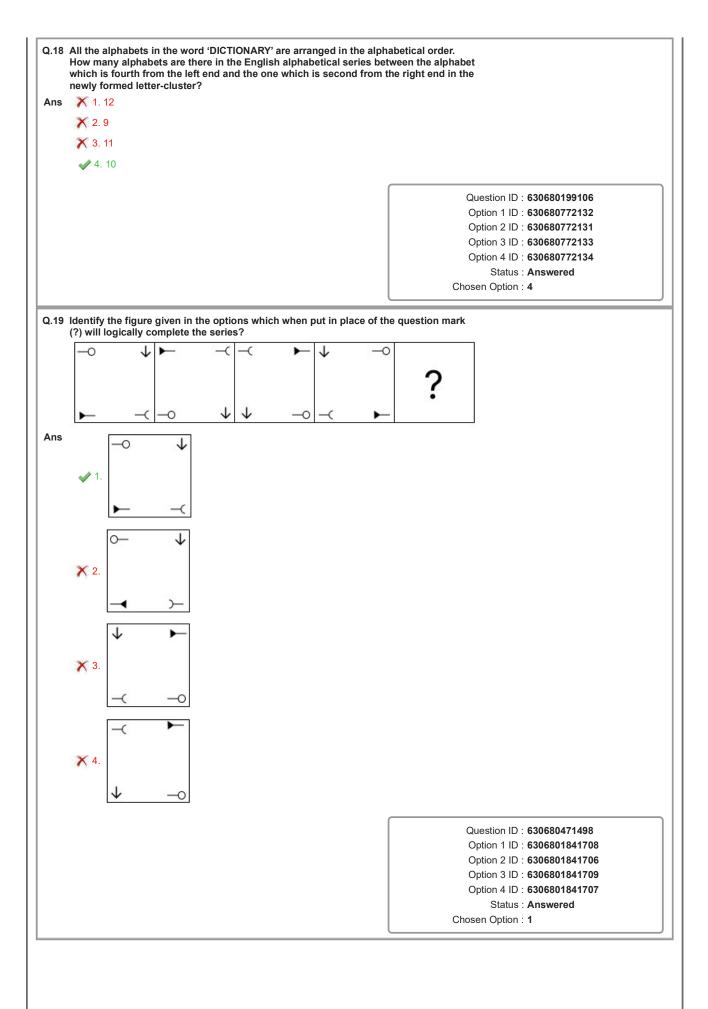
Question ID: 630680367568

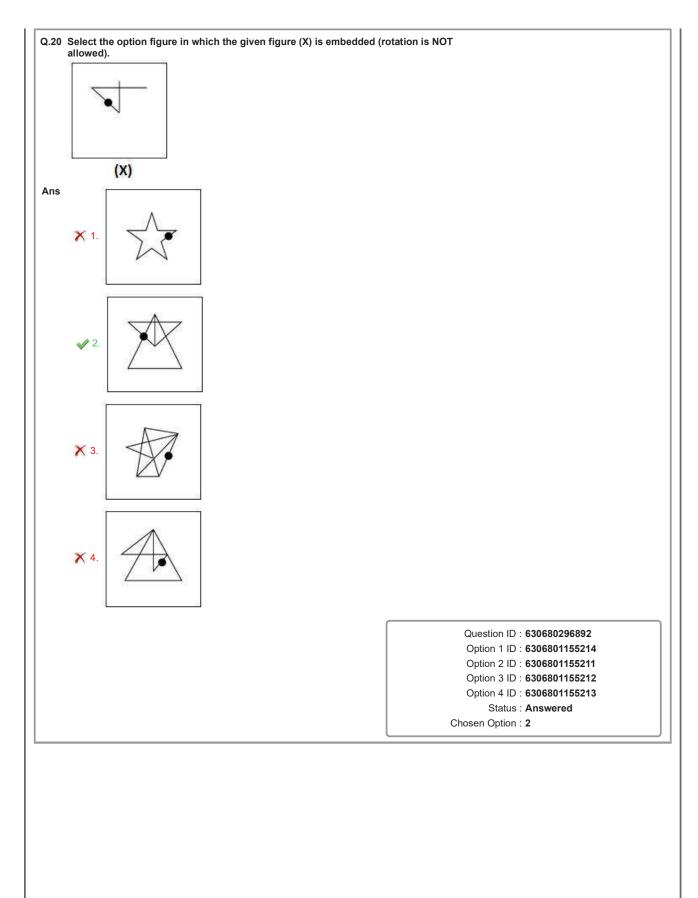
Option 1 ID : 6306801431721

Option 2 ID: 6306801431723

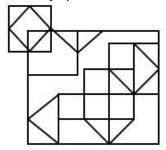
Option 3 ID : **6306801431724** Option 4 ID : **6306801431722**

Status: Answered





Q.21 How many squares are there in the given figure?



Ans X 1. 14

X 2. 12

X 3. 11

4. 15

Question ID : 630680163561

Option 1 ID: 630680633430

Option 2 ID: 630680633429

Option 3 ID : **630680633428** Option 4 ID : **630680633431**

Status : Answered

Chosen Option: 1

Q.22 In a certain code language, 'BOTH' is written as 'DQVJ' and 'DARE' is written as 'FCTG' How will 'WILL' be written in that language?

Ans X 1. YJMN

2. YKNN

X 3. XJMM

X 4. XKNM

Question ID: 630680172761

Option 1 ID: 630680669447

Option 2 ID: 630680669444

Option 3 ID : **630680669445** Option 4 ID : **630680669446**

Status : Answered

Chosen Option : 2

Q.23 If

'A & Z' means 'A is the brother of Z',

'A # Z' means 'A is the sister of Z',

'A ^ Z' means 'A is the brother of Z's father',

'A @ Z' means 'A is the wife of Z',

'A % Z' means 'A is the mother of Z',

'A α Z' means 'A is the father of Z',

then how is J related to Z in the following expression?

J % K # L @ M α N & Z

Ans X 1. Father's mother

X 2. Mother

3. Mother's mother

X 4. Mother's sister

Question ID: 630680262033

Option 1 ID: 6306801017782

Option 2 ID : 6306801017781

Option 3 ID: 6306801017779

Option 4 ID: 6306801017780

Status : Answered

Option 1 ID: 630680411859
Option 1 ID: 6306801606273
Option 2 ID: 6306801606274
Option 3 ID: 6306801606274
Option 4 ID: 6306801606271
Status: Not Answered

Chosen Option: --

Q.25 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

(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.)

40 : 123 63 : 192

Ans X 1. 48 : 152

X 2.46:131

X 3.68:214

4. 39 : 120

Question ID: 630680326568
Option 1 ID: 6306801270357
Option 2 ID: 6306801270359
Option 3 ID: 6306801270360
Option 4 ID: 6306801270358
Status: Answered

Chosen Option: 4

Section : General Awareness

Q.1 Which of the following is related to neem?

Ans

1. Pinnately

X 2. Palmately

X 3. Spines

X 4. Tendril

Question ID: 630680314127 Option 1 ID: 6306801222316 Option 2 ID: 6306801222313 Option 3 ID: 6306801222315 Option 4 ID: 6306801222314 Status: Not Answered

Q.2 For which film did Asha Bhosle win the International Indian Film Academy (IIFA) Award in the Best Playback Singer Female category in 2002? X 1. Devdas Ans X 2. Humraz X 3. Om Jai Jagdish 4. Lagaan Question ID: 630680511798 Option 1 ID: 6306802000163 Option 2 ID: 6306802000162 Option 3 ID: 6306802000165 Option 4 ID: 6306802000164 Status: Answered Chosen Option: 4 Q.3 What is the duration of monsoon in India? Ans 1. 100-120 days X 2. 150-200 days X 3. 40-60 days X 4. 50-80 days Question ID: 630680302661 Option 1 ID: 6306801177312 Option 2 ID: 6306801177313 Option 3 ID: 6306801177310 Option 4 ID: 6306801177311 Status: Answered Chosen Option: 1 Q.4 The northern plain of the Indian subcontinent has been formed by the interplay of the three major river systems along with their tributaries. Choose the odd one out of the options given. X 1. The Indus Ans X 2. The Brahmaputra X 3. The Ganga 4. The Godavari Question ID: 630680309368 Option 1 ID: 6306801203630 Option 2 ID: 6306801203631 Option 3 ID: 6306801203629 Option 4 ID: 6306801203632 Status: Answered Chosen Option: 4 Q.5 Which of the following is mentioned in Article 1 of the Indian constitution? X 1. India that is Bharat as parliamentary democracy X 2. India that is Bharat as federation of states 3. India that is Bharat shall be a Union of states X 4. India that is Bharat as presidential form of democracy Question ID: 630680282979 Option 1 ID: 6306801100048 Option 2 ID: 6306801100049 Option 3 ID: 6306801100050

> Option 4 ID : **6306801100047** Status : **Answered**

	A Mine halds the constant and a least the land to the constant and the con			
	6 Who holds the record for the longest long jump in India as of 2023?			
Ans	X 1. Murali S			
	X 2. Nayana James			
	X 4. TC Yohannan			
		Question ID: 630680510764 Option 1 ID: 6306801996186 Option 2 ID: 6306801996189 Option 3 ID: 6306801996187 Option 4 ID: 6306801996188 Status: Not Answered Chosen Option:		
		Chosen Option :		
Q.7	Name the phenomenon where an opaque object on the path of light small and where light has a tendency to bend around it and not walk	becomes very s in a straight line.		
Ans	X 1. Reflection of light			
	X 2. Angle of incidence			
	3. Diffraction of light			
	X 4. Angle of refraction			
		Question ID: 630680194546 Option 1 ID: 630680754709 Option 2 ID: 630680754712 Option 3 ID: 630680754711 Option 4 ID: 630680754710 Status: Answered Chosen Option: 3		
Q.8	Articles 52 to 78 in Part V of the Indian Constitution deal with			
Ans	X 1. National emergency			
	X 2. Amendment of the Constitution			
	X 3. Finance Commission of India			
	✓ 4. Union Executive			
		Question ID: 630680326512 Option 1 ID: 6306801270134 Option 2 ID: 6306801270135 Option 3 ID: 6306801270136 Option 4 ID: 6306801270133 Status: Answered Chosen Option: 4		
Q.9	What is the position of India in the world's telecommunication mark	et, as of March		
	2024?			
Ans	X 1. Fourth			
	√ 2. Second			
	X 3. Third			
	X 4. First			
		Question ID: 630680327625 Option 1 ID: 6306801274500 Option 2 ID: 6306801274498 Option 3 ID: 6306801274499 Option 4 ID: 6306801274497 Status: Not Answered		

Q.10 The National Youth Policy was launched in: Ans X 1. 2015 **2**. 2014 X 3. 2013 X 4. 2012 Question ID: 630680409609 Option 1 ID: 6306801597268 Option 2 ID: 6306801597267 Option 3 ID: 6306801597266 Option 4 ID: 6306801597265 Status: Not Answered Chosen Option: --Q.11 Who among the following was the President of the Belgaum Session of the Indian National Congress held in 1924? Ans X 1. Vallabhbhai Patel 2. Mahatma Gandhi X 3. Subhas Chandra Bose X 4. Jawaharlal Nehru Question ID: 630680511502 Option 1 ID : 6306801999131 Option 2 ID: 6306801999130 Option 3 ID: 6306801999132 Option 4 ID: 6306801999133 Status: Answered Chosen Option: 2 Q.12 Ali Akbar Khan is known for playing the ___ Ans X 1. Ektara X 2. Sarangi X 3. Tanpura 4. Sarod Question ID: 630680511894 Option 1 ID: 6306802000548 Option 2 ID: 6306802000547 Option 3 ID: 6306802000549 Option 4 ID: 6306802000546 Status: Answered Chosen Option: 2

Q.13 Consider the following statements related to the Online Dispute Resolution (ODR) handbook. 1.It will be launched by the Ministry of Science and Technology. 2.ODR is the resolution for cases outside courts using digital technology and techniques of Alternative Dispute Resolution (ADR), such as negotiation, mediation 3. The development of ICT and increased use of internet has played a major role for ODR. Which of the given statements is/are correct? 1. Only 2 and 3 X 2. Only 1 and 3 X 3. Only 2 X 4. Only 1 Question ID: 630680139324 Option 1 ID: 630680539371 Option 2 ID: 630680539370 Option 3 ID: 630680539372 Option 4 ID: 630680539373 Status: Not Answered Chosen Option: --Q.14 The Flexible Inflation Targeting Framework (FITF) was introduced in India post the amendment of the Reserve Bank of India (RBI) Act, 1934 in X 1. 2010 Ans X 2. 2014 **3**. 2016 X 4. 2020 Question ID: 630680144749 Option 1 ID: 630680560040 Option 2 ID: 630680560039 Option 3 ID: 630680560038 Option 4 ID: 630680560041 Status: Not Answered Chosen Option: --Q.15 The government of which of the following states allocated ₹11,728 crore for the Aasara pension scheme in its annual budget for the fiscal year 2022-23? Ans 1. Telangana X 2. Odisha X 3. Chhattisgarh X 4. Gujarat

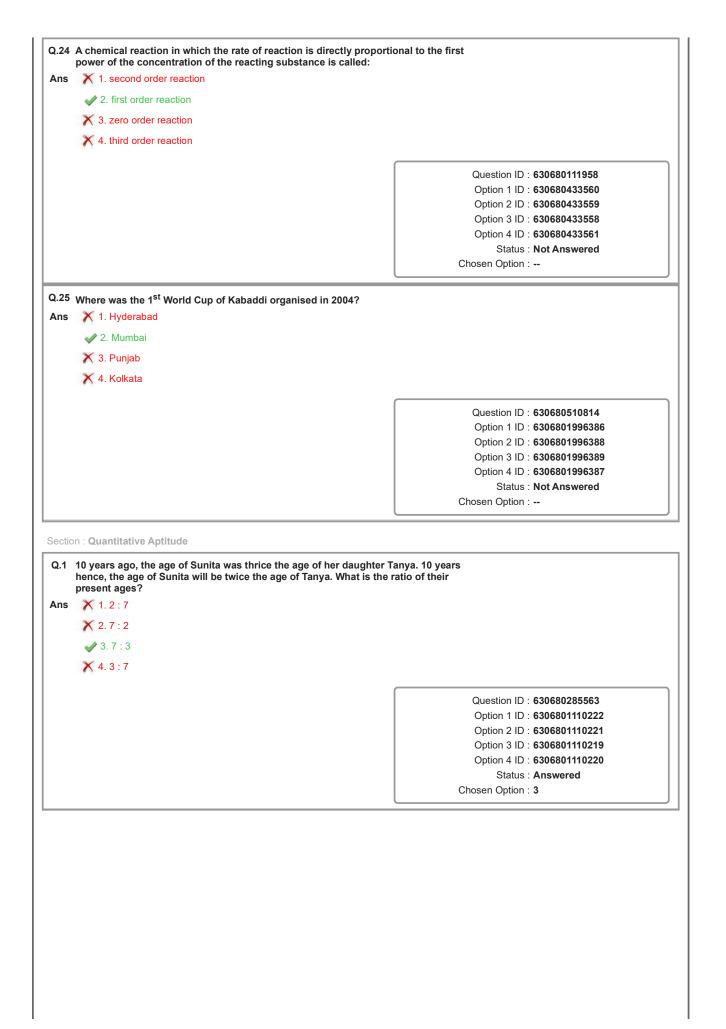
> Question ID: 630680327505 Option 1 ID: 6306801274019 Option 2 ID: 6306801274018 Option 3 ID: 6306801274017 Option 4 ID: 6306801274020 Status: Not Answered

Q.16 'Atla Taddi' is the widely celebrated festival of which Indian state? Ans X 1. West Bengal X 2. Bihar X 3. Punjab 4. Andhra Pradesh Question ID: 630680216005 Option 1 ID: 630680837998 Option 2 ID: 630680837997 Option 3 ID: 630680837995 Option 4 ID: 630680837996 Status: Not Answered Chosen Option: --Q.17 Which national park in the Andaman and Nicobar Islands is home to species like Megapode, crab-eating Macaque, Nicobar Pigeon, and Giant Robber Crab? Ans 1. Campbell Bay National Park X 2. Raimona National Park X 3. Mouling National Park X 4. Papikonda National Park Question ID: 630680407455 Option 1 ID: 6306801588758 Option 2 ID: 6306801588761 Option 3 ID: 6306801588760 Option 4 ID: 6306801588759 Status: Answered Chosen Option: 1 Q.18 The Permanent Settlement came into operation in which of the following years? **1.** 1793 X 2. 1890 X 3. 1789 **X** 4. 1790 Question ID: 630680412327 Option 1 ID: 6306801608132 Option 2 ID: 6306801608131 Option 3 ID: 6306801608134 Option 4 ID: 6306801608133 Status: Not Answered Chosen Option: --Q.19 Which part of the Constitution deals with the Panchayats? X 1. Part IV X 2. Part X 3. Part IX X 4. Part VII

Question ID : 630680413118 Option 1 ID : 6306801611296 Option 2 ID : 6306801611297 Option 3 ID : 6306801611298 Option 4 ID : 6306801611295 Status : Answered

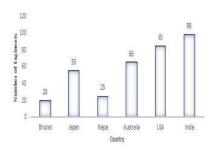
Q.20 Which of the following battles was fought between Babur and Rana Sanga in 1527? Ans X 1. Battle of Chanderi X 2. Battle of Bayana 3. Battle of Khanwa ¥ 4. Second battle of Panipat Question ID: 630680412406 Option 1 ID: 6306801608448 Option 2 ID: 6306801608449 Option 3 ID: 6306801608450 Option 4 ID: 6306801608447 Status: Answered Chosen Option: 1 Q.21 Which among the following was NOT a part of the three sections of the Rigvedic tribe? X 1. Warriors X 2. Priests X 3. Ordinary people 4. Craftsman Question ID: 630680412438 Option 1 ID: 6306801608576 Option 2 ID: 6306801608577 Option 3 ID: 6306801608578 Option 4 ID: 6306801608575 Status: Answered Chosen Option: 4 Q.22 Which of the following statements is/are correct? i. The first green revolution led to over-exploitation of natural resources. ii. The second Green Revolution was more focused on Southern India. iii. The second green revolution ensured in achieving sustainable livelihood security. Ans X 1. Only ii \chi 2. i and ii X 3. ii and iii 4. i and iii Question ID: 6306801048046 Option 1 ID: 6306804114233 Option 2 ID: 6306804114230 Option 3 ID: 6306804114231 Option 4 ID: 6306804114232 Status: Not Answered Chosen Option: --Q.23 In which of the following states of India is Hojagiri dance predominantly performed? Ans X 1. Kerala X 2. Maharashtra 3. Tripura X 4. Himachal Pradesh Question ID: 630680408973 Option 1 ID: 6306801594816 Option 2 ID: 6306801594817 Option 3 ID: 6306801594815

Option 4 ID : **6306801594818** Status : **Answered**



Q.2 A thief is noticed by a policeman from a distance of 92 m. The thief starts running and the policeman chases him. The thief and the policeman run at the speed of 90 km/h and 104.4 km/h, respectively. In how much time will the policeman catch the thief? Ans X 1. 21 seconds X 2. 26 seconds X 3. 22 seconds 4. 23 seconds Question ID: 630680428622 Option 1 ID: 6306801672532 Option 2 ID: 6306801672533 Option 3 ID: 6306801672535 Option 4 ID: 6306801672534 Status: Answered Chosen Option: 4 Q.3 R targets to score 85% marks in exams. He scores 450 marks and misses the target by 35%. How much increment in percentage should be there in his scored marks to meet the target? Ans X 1.53 X 2.45 **3**. 70 **X** 4. 35 Question ID: 630680428056 Option 1 ID: 6306801670268 Option 2 ID: 6306801670271 Option 3 ID: 6306801670270 Option 4 ID: 6306801670269 Status: Not Answered Chosen Option: --

Study the given bar-graph and answer the question that follows.



What is the ratio of the number of engineers of countries with an above average to the number of engineers of countries with a below average?

Ans

$$\times$$
 1. $\frac{62}{25}$

× 2.
$$\frac{2}{1}$$

√ 3.
$$\frac{1}{1}$$

$$\times$$
 4. $\frac{39}{71}$

Question ID: 630680384351

Option 1 ID: 6306801498290

Option 2 ID: 6306801498293

Option 3 ID: 6306801498291 Option 4 ID: 6306801498292

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.5 Simplify.

$$\frac{(232)^3 + (140)^3 + (353)^3 - 3 \times 232 \times 140 \times 353}{(232)^2 + (140)^2 + (353)^2 - 232 \times 140 - 140 \times 353 - 353 \times 232}$$

Ans **1.725**

X 2. 596

X 3. 445

X 4. 261

Question ID: 630680413475

Option 1 ID: 6306801612725

Option 2 ID: 6306801612727

Option 3 ID: 6306801612724

Option 4 ID: 6306801612726

Status: Answered

Q.6 In the following sets, which set represents the sides of a right-angled triangle?

Ans X 1. {5, 10, 12}

X 2. {3, 4, 6}

3. {5, 12, 13}

X 4. {8, 15, 16}

Question ID: 630680421383 Option 1 ID: 6306801643997 Option 2 ID: 6306801643995

Option 3 ID: 6306801643996

Option 4 ID: 6306801643998 Status: Answered

Chosen Option: 3

O.7 Simplify $6 \times [28 \div 84 \times \{36 \times 49 \div (6 \times 7)\}].$

Ans X 1.94

2. 84

X 3. 64

X 4.74

Question ID: 630680410447

Option 1 ID: 6306801600507

Option 2 ID: 6306801600506 Option 3 ID: 6306801600504

Option 4 ID: 6306801600505

Status : Answered

Chosen Option: 2

Q.8 The difference between the simple interests on the principal of ₹500 at an interest rate of 5% per annum for 3 years and 4% per annum for 4 years is:

Ans X 1. ₹15

√ 2. ₹5

X 3. ₹7.5

X 4. ₹10

Question ID: 63068070431

Option 1 ID: 630680272352

Option 2 ID: 630680272351

Option 3 ID: 630680272353

Option 4 ID: 630680272350 Status: Answered

₹390. If the numbers of notes of each kind are interchanged, then the new amount is ₹90 less than before. Find the number of notes of ₹20 denomination. **1.** 16 Ans X 2. 14 X 3. 15 X 4. 12 Question ID: 630680354930 Option 1 ID: 6306801381793 Option 2 ID: 6306801381796 Option 3 ID: 6306801381794 Option 4 ID: 6306801381795 Status: Not Answered Chosen Option: --Q.10 Which of the following are the angles of a scalene triangle? √ 1. 60°, 30° and 90° × 2. 110°, 35° and 35° X 3. 60°, 60° and 60° × 4. 90°, 45° and 45° Question ID: 630680378671 Option 1 ID: 6306801475731 Option 2 ID: 6306801475734 Option 3 ID: 6306801475733 Option 4 ID: 6306801475732 Status: Answered Chosen Option: 2 For two circles of radius 7 units and $\frac{7}{2}$ units, whose centres are 15 units apart, what is the length of the direct common tangent in units? (Correct to 3 decimal places.) **1.** 14.586 Ans X 2. 18.654 X 3. 16.584 X 4. 15.486 Question ID: 630680297304 Option 1 ID: 6306801156683 Option 2 ID: 6306801156686 Option 3 ID: 6306801156685 Option 4 ID: 6306801156684 Status: Not Answered Chosen Option: --

Q.9 Aman has certain number of notes of denomination ₹20 and ₹10 which amount to

	X 2. 10:22 a.m.	
	√ 3. 10:48 a.m.	
	X 4. 10:18 a.m.	
		Question ID: 630680493242
		Option 1 ID : 6306801926715
		Option 2 ID : 6306801926717 Option 3 ID : 6306801926718
		Option 4 ID : 6306801926716
		Status : Answered
		Chosen Option : 3
.13	A triangle ABC is made on a circle, where AB is diameter of the radius of the circle and \angle ABC = x \angle BAC, then x is :	of the circle. If BC is equal to
ıns	X 1.1	
	X 2. 2.5	
	✓ 3. 2	
	X 4. 1.5	
	4. 1.5	
		Question ID : 630680421355
		Option 1 ID : 6306801643883
		Option 2 ID : 6306801643886
		Option 3 ID : 6306801643885
		Option 4 ID : 6306801643884 Status : Not Answered
		Chosen Option :
	Amit and Bilal buy goods for ₹1,500 and ₹2,000, respective by y%, while Bilal marks his goods up by 2y% and offers a	ely. Amit marks his goods up
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5	ely. Amit marks his goods up
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	ely. Amit marks his goods up
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5	ely. Amit marks his goods up
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	ely. Amit marks his goods up a discount of y%. If both
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	ely. Amit marks his goods up
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	Question ID : 630680428866 Option 1 ID : 6306801673508 Option 2 ID : 6306801673511
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	Question ID : 630680428866
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	Question ID : 630680428866
	by y%, while Bilal marks his goods up by 2y% and offers a make the same profit, then find the value of y. 1. 10.5 2. 12.5 3. 11.5	Question ID : 630680428866

Q.12 A tank can be filled by pipe A in 4 hours and pipe B in 6 hours. At 8:00 a.m., pipe A was opened. At what time will the tank be filled if pipe B is opened at 9:00 a.m.?

Q.15 30 is the mean proportional of 18 and A. Find the value of A.

Ans X 1.60

X 2.40

3. 50

X 4.45

Question ID: 630680428477

Option 1 ID: 6306801671953

Option 2 ID: 6306801671954

Option 3 ID: 6306801671952

Option 4 ID: 6306801671955

Status: Answered

Chosen Option: 3

If $4\tan\theta - 3 = 0$, then the value of $\frac{1 - \cos 2\theta}{1 + \cos 2\theta}$ is:

Question ID: 630680397005

Option 1 ID: 6306801548078

Option 2 ID: 6306801548077

Option 3 ID: 6306801548076

Option 4 ID: 6306801548079

Status: Not Answered

Chosen Option: --

Q.17 Find the length of the longest stick that can be fitted in a cubical vessel of edge 70 cm.

 \checkmark 1. $70\sqrt{3}$ cm

 \times 2. 35 $\sqrt{3}$ cm

 \times 3. $10\sqrt{3}$ cm

 \times 4. $70\sqrt{2}$ cm

Question ID: 63068091888

Option 1 ID: 630680356286

Option 2 ID: 630680356288

Option 3 ID: 630680356289

Option 4 ID: 630680356287

Status: Answered

Q.18 A trader offers the following discount schemes on the purchase of a refrigerator. (I) a discount of 10% followed by a discount of 8% (ii) successive discounts of 12% and 10% (iii) two successive discounts of 12% (iv) a discount of 20% In which scheme is the selling price the lowest? Ans X 1. (i) X 2. (iv) √ 3. (iii) X 4. (ii) Question ID: 630680145358 Option 1 ID: 630680562409 Option 2 ID: 630680562406 Option 3 ID: 630680562407 Option 4 ID: 630680562408 Status: Not Answered Chosen Option: --Q.19 For what least value of n, 2²ⁿ+2n is completely divided by 6, where n is an integer? Ans X 1.3 X 2.2 **3**. 1 **X** 4.0 Question ID: 630680115939 Option 1 ID: 630680449089 Option 2 ID: 630680449088 Option 3 ID: 630680449087 Option 4 ID: 630680449086 Status: Not Answered Chosen Option: --Q.20 There is a 32 I mixture of milk and water. The ratio of milk and water in this mixture is 5 : 3. How many litres of water should be added to this mixture so that the resultant mixture has 50% water in it? Ans X 1.4 **2**.8 X 3.6 **X** 4.5 Question ID: 630680518852 Option 1 ID: 6306802027882 Option 2 ID: 6306802027883 Option 3 ID: 6306802027881 Option 4 ID: 6306802027880 Status: Answered Chosen Option: 2

The value of θ , when $\sqrt{3}\cos\theta + \sin\theta = 1$ ($1 \le \theta \le 90^{\circ}$), is:

Ans X 1.60°

X 2.30°

X 3. 20°

√ 4. 90°

Question ID: 630680526469
Option 1 ID: 6306802057945
Option 2 ID: 6306802057943
Option 3 ID: 6306802057942
Option 4 ID: 6306802057944
Status: Not Answered

Chosen Option : --

Q.22 Study the given table and answer the question that follows. The following table shows the production of printers by four plants of a company over the five years.

Year	Production (in thousands)			
	Plant 1	Plant 2	Plant 3	Plant 4
2018	35	25	40	45
2019	43	44	44	40
2020	48	39	36	30
2021	32	40	35	48
2022	42	44	30	42

What is the difference between the average production of plant 1 and plant 2 during five years?

Ans

X 1. 1400

2. 1600

X 3. 3000

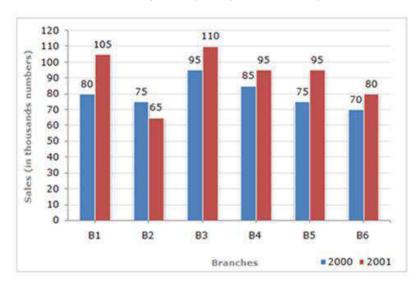
X 4. 3840

Question ID: 630680428200 Option 1 ID: 6306801670845 Option 2 ID: 6306801670844

Option 3 ID : **6306801670846** Option 4 ID : **6306801670847**

Status: Not Answered

Q.23 Study the given bar-graph and answer the question that follows. The bar-graph shows the sales of books (in thousands) from six branches (B1, B2, B3, B4, B5 and B6) of a publishing company during two consecutive years 2000 and 2001.



What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?

- Ans X 1.3:5
 - **2**. 7 : 9
 - **X** 3.2:3
 - **X** 4.6:7

Question ID: 630680428213

Option 1 ID: 6306801670897

Option 2 ID: 6306801670899

Option 3 ID: 6306801670896

Option 4 ID: 6306801670898

Status: Answered Chosen Option : 2

Q.24 Let $x = r \cos(t)$, $y = r \sin(t) \cos(u)$, $z = r \sin(t) \sin(u)$. Then the value of $x^2 + y^2 + z^2$ is

- Ans X 1. 2r
 - X 2. r² cos (u)
 - √ 3. r²
 - X 4. r² sin (t)

Question ID: 630680285509

Option 1 ID: 6306801110006

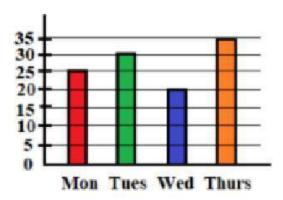
Option 2 ID: 6306801110005

Option 3 ID: 6306801110004

Option 4 ID: 6306801110003

Status: Not Answered

Q.25 The bar graph shows the number of students present in a class on four days. The average number of students present on Monday, Tuesday and Wednesday is:



Ans X 1. 24

X 2.20

3. 25

X 4. 30

Question ID: 630680407267

Option 1 ID: 6306801588015

Option 2 ID : **6306801588014**

Option 3 ID: 6306801588016

Option 4 ID : **6306801588017** Status : **Answered**

Chosen Option: 3

Section : English Comprehension

- Q.1 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.
 - (O) attitude is
 - (P) or tendency in individuals
 - (Q) a broad-based behaviour
 - (R) which implies
 - (S) a hypothetical postulate

Ans 🗳 1. OSRQP

X 2. SQPRO

X 3. OPQRS

X 4. OPSRQ

Question ID: 630680377979

Option 1 ID: 6306801472977

Option 2 ID: 6306801472976

Option 3 ID : **6306801472978** Option 4 ID : **6306801472975**

Status : Answered

Q.2 Select the most appropriate meaning of the given idiom. Off and on

Ans 🗳 1. Now and then

X 2. Know something thoroughly

X 3. Object to

X 4. Remind

Question ID: 630680192300 Option 1 ID: 630680745804 Option 2 ID: 630680745802 Option 3 ID: 630680745801 Option 4 ID: 630680745803 Status: Answered

Chosen Option: 1

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence

The food intolerance industry has grown dramatically in the previous decade, <u>chiefly</u> <u>because of a boost</u> in Coeliac and Crohn's disease cases, as well as increasing awareness among health-conscious clients.

Ans X 1. pretty much entirely because of a boil-down

X 2. contextually because of a spark

3. owing primarily to a rise

X 4. casually due to a growth

Question ID: 630680177246 Option 1 ID: 630680687163 Option 2 ID: 630680687162 Option 3 ID: 630680687161 Option 4 ID: 630680687160 Status: Answered

Chosen Option: 2

Q.4 Select the option that expresses the given sentence in passive voice.

I have booked an apartment in the new residential colony.

Ans X 1. An apartment had been booked by me in the new residential colony.

2. An apartment have been booked by me in the new residential colony.

3. An apartment has been booked by me in the new residential colony.

X 4. An apartment is been booked by me in the new residential colony.

Question ID: 630680415180 Option 1 ID: 6306801619469 Option 2 ID: 6306801619470 Option 3 ID: 6306801619468 Option 4 ID: 6306801619467

Status: Answered

	× 2. trifling				
	✓ 3. huge				
	× 4. set				
		Question ID: 630680319158 Option 1 ID: 6306801241538 Option 2 ID: 6306801241539 Option 3 ID: 6306801241537 Option 4 ID: 6306801241540 Status: Answered Chosen Option: 3			
.6	Select the option that can be used as a one-word substitute words. Speaking disrespectfully about sacred or religious things.	e for the given group of			
ns	X 1. Mystic				
	× 2. Atheist				
	X 4. Theist				
		Question ID: 630680160079 Option 1 ID: 630680619703 Option 2 ID: 630680619702 Option 3 ID: 630680619700 Option 4 ID: 630680619701 Status: Answered Chosen Option: 3			
.7	Identify the error in the following sentence.				
ns	Ourselves should not boast of one's knowledge. 1. Ourselves				
	× 2. knowledge				
	X 3. boast				
	X 4. one's				
		Question ID: 630680206321 Option 1 ID: 630680800063 Option 2 ID: 630680800066 Option 3 ID: 630680800065 Option 4 ID: 630680800064 Status: Answered Chosen Option: 4			

Q.8	8 Given below are four jumbled sentences. Select the option that gives their correct logical sequence.		
	A. These are responsible for producing the major fuel used across the globe. B. The country has 100 major oil and gas fields. C. The economy of Saudi Arabia is based on petroleum. D. The chief oil field is Ghawar Field having an estimated 70 billion reserve resource.		
Ans	✓ 1. CBAD		
	X 2. ABCD		
	X 3. BACD		
	★ 4. DCAB		
		Question ID: 630680374762 Option 1 ID: 6306801460217 Option 2 ID: 6306801460216 Option 3 ID: 6306801460215 Option 4 ID: 6306801460218 Status: Answered Chosen Option: 1	
Q.9	Select the most appropriate homonyms from the given alternatives	to fill in the blanks.	
A	The rowing instructor commanded them to in a A.row (verb) B.roe C.row (sequence)		
Ans			
	X 2. A, B		
	X 3. C, A		
	★ 4. B, C		
		Question ID: 630680129395 Option 1 ID: 630680501200 Option 2 ID: 630680501198 Option 3 ID: 630680501201 Option 4 ID: 630680501199 Status: Answered Chosen Option: 1	
Q.10	10 Select the most appropriate option to substitute the underlined word segment in the given sentence. Sanat has just arrived in Mysore on transfer; he requests his friend Raghu to help him find an appropriate location.		
Ans	X 1. a suitable elevation		
	√ 2. a rented accommodation		
	X 3. a proper junction		
	X 4. an allocation recommendation		
		Question ID: 630680168512 Option 1 ID: 630680652661 Option 2 ID: 630680652662 Option 3 ID: 630680652660 Option 4 ID: 630680652663 Status: Answered Chosen Option: 1	

Q.11 The given sentence is divided into four segments. Select the option that has the segment with a grammatical error. Two of the world's / best forwards / has played alongside / David Beckham. √ 1. has played alongside X 2. best forwards X 3. Two of the world's X 4. David Beckham. Question ID: 630680206626 Option 1 ID: 630680801105 Option 2 ID: 630680801104 Option 3 ID: 630680801103 Option 4 ID: 630680801106 Status: Answered Chosen Option: 2 Q.12 Select the most appropriate synonym of the given word. **Brittle** Ans X 1. Furtive X 2. Fatal 3. Fragile X 4. Fickle Question ID: 630680130677 Option 1 ID: 630680506005 Option 2 ID: 630680506003 Option 3 ID: 630680506004 Option 4 ID: 630680506002 Status : Answered Chosen Option: 3 Q.13 Select the most appropriate synonym of the given word. Cherish Ans X 1. Neglect X 2. Afflict 3. Nurture X 4. Breach Question ID: 630680310017 Option 1 ID: 6306801206215 Option 2 ID: 6306801206214 Option 3 ID: 6306801206216 Option 4 ID: 6306801206213 Status: Answered Chosen Option: 2

Q.14 Select the most appropriate synonym of the given word. Adequate

Ans

X 1. Hidden

2. Sufficient

X 3. Reconcile

X 4. Evaluate

Question ID: 630680167062 Option 1 ID: 630680647108 Option 2 ID: 630680647109 Option 3 ID: 630680647111 Option 4 ID: 630680647110 Status: Answered

Chosen Option: 2

- Q.15 Select the option that contains all the MISSPELT words in the following sentences.
 - 1. The new restraunt offers a wide variety of delicious dishes.
 - 2. I can't beleive he made such a silly mistake in his presentation.
 - 3. The teacher asked the students to complete the assigment by Friday.
 - 4. She felt utterly embarassed by her colleague's comments.

Ans X 1. restraunt, silly, assigment, colleague

X 2. delicious, silly, assigment, colleague

X 3. delicious, beleive, assigment, utterly

√ 4. restraunt, beleive, assigment, embarassed

Question ID: 630680409947 Option 1 ID: 6306801598619 Option 2 ID: 6306801598620 Option 3 ID: 6306801598617 Option 4 ID: 6306801598618

Status: Answered Chosen Option: 4

Q.16 Select the most appropriate meaning of the given idiom. At a low ebb

Ans X 1. In a critical moment

X 2. In a happy state

X 3. In an unemployed mode

4. In a depressed or weak state

Question ID: 630680316361 Option 1 ID: 6306801231069 Option 2 ID: 6306801231070 Option 3 ID: 6306801231072 Option 4 ID: 6306801231071

Status: Answered Chosen Option: 4

Q.17 Select the option that expresses the given sentence in passive voice. The teenager delivered the speech. Ans X 1. The speech has been delivered by the teenager. 2. The speech was delivered by the teenager. X 3. The speech was being delivered by the teenager. 4. The speech is delivered by the teenager. Question ID: 630680206655 Option 1 ID: 630680801220 Option 2 ID: 630680801221 Option 3 ID: 630680801219 Option 4 ID: 630680801222 Status: Answered Chosen Option: 2 Q.18 Select the most appropriate option that can substitute the underlined segment in the This book giving us much information about our freedom fighters who lost their lives while serving our motherland. Ans X 1. give us much information X 2. give us many information 3. gives us much information 4. gives us many information Question ID: 630680156309 Option 1 ID: 630680604927 Option 2 ID: 630680604926 Option 3 ID: 630680604925 Option 4 ID: 630680604924 Status: Answered Chosen Option: 3 Q.19 Select the correctly spelt word to fill in the blank. My mother said that every relationship must have some amount of ____ Ans X 1. flexebelity 2. flexibility X 3. phlexibility X 4. flaxibilety Question ID: 630680374780 Option 1 ID: 6306801460289 Option 2 ID: 6306801460287 Option 3 ID: 6306801460288 Option 4 ID: 6306801460290 Status: Answered Chosen Option: 2

Q.20 Select the most appropriate ANTONYM of the given word. Material Ans X 1. Cheap X 2. Temporary 3. Abstract X 4. Concrete Question ID: 630680395156 Option 1 ID: 6306801540884 Option 2 ID: 6306801540887 Option 3 ID: 6306801540886 Option 4 ID: 6306801540885 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. , understanding, and protecting, like the cultivation of a garden, not the destruction or eradication of its roots. Understanding the roots and seeds, taking much care and providing instructed nourishment (2)_ __ important for good gardening. Culture also is similar; understanding its acquaintance (3)_ literature and art and careful protection are required. Culture is the way of life of a particular society in which a group of people live together in one place. The society's culture is visible in its literature, arts, social system, language and religion. It is a combination of traditions, customs, institutions, food habits, manners, morals, thoughts, tastes, views and beliefs. Usually, families (4)_ the younger generations. As family system is becoming weak, schools, colleges and universities should take up this responsibility as education should promote potential values of its culture. The role of universities (5)_ only to issue course completed certificates. SubQuestion No: 21 Q.21 Select the most appropriate option to fill in blank number 1. Ans X 1. to create X 2. create 3. creating X 4. creation

Question ID : **630680162876**

Option 2 ID : **630680630747** Option 3 ID : **630680630744** Option 4 ID : **630680630745**

Option 1 ID: 630680630746

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.

, understanding, and protecting, like the cultivation of a garden, not the destruction or eradication of its roots. Understanding the roots and seeds, taking much care and providing instructed nourishment (2) important for good gardening. Culture also is similar; understanding its acquaintance (3) literature and art and careful protection are required. Culture is the way of life of a particular society in which a group of people live together in one place. The society's culture is visible in its literature, arts, social system, language and religion. It is a combination of traditions, customs, institutions, food habits, manners, morals, thoughts, tastes, views and beliefs. Usually, families (4) the younger generations. As family system is becoming weak, schools, colleges and universities should take up this responsibility as education should promote potential values of _ only to issue course completed certificates. its culture. The role of universities (5)_

SubQuestion No: 22

Q.22 Select the most appropriate option to fill in blank number 2.

Ans X 1. was

X 2. were

3. are

X 4. is

Question ID: 630680162877 Option 1 ID: 630680630750

Option 2 ID: 630680630751 Option 3 ID: 630680630749 Option 4 ID: 630680630748

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.

_, understanding, and protecting, like the cultivation of a garden, not the destruction or eradication of its roots. Understanding the roots and seeds, taking much care and providing instructed nourishment (2) important for good gardening. Culture also is similar; understanding its acquaintance (3) literature and art and careful protection are required. Culture is the way of life of a particular society in which a group of people live together in one place. The society's culture is visible in its literature, arts, social system, language and religion. It is a combination of traditions, customs, institutions, food habits, manners, morals, thoughts, tastes, views and beliefs. Usually, families (4) the younger generations. As family system is becoming weak, schools, colleges and universities should take up this responsibility as education should promote potential values of only to issue course completed certificates. its culture. The role of universities (5)

SubQuestion No: 23

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

Ans X 1. in

X 2. for

3. with

X 4. on

Question ID: 630680162878

Option 1 ID: 630680630754

Option 2 ID: 630680630755

Option 3 ID: 630680630753

Option 4 ID: 630680630752

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.

Culture is (1)_____, understanding, and protecting, like the cultivation of a garden, not the destruction or eradication of its roots. Understanding the roots and seeds, taking much care and providing instructed nourishment (2)_____ important for good gardening. Culture also is similar; understanding its acquaintance (3)____ literature and art and careful protection are required. Culture is the way of life of a particular society in which a group of people live together in one place. The society's culture is visible in its literature, arts, social system, language and religion. It is a combination of traditions, customs, institutions, food habits, manners, morals, thoughts, tastes, views and beliefs. Usually, families (4)____ culture to the younger generations. As family system is becoming weak, schools, colleges and universities should take up this responsibility as education should promote potential values of its culture. The role of universities (5)_____ only to issue course completed certificates.

SubQuestion No: 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans

✓ 1. transmit

X 2. transmitted

X 3. transmits

X 4. transmitting

Question ID: 630680162879 Option 1 ID: 630680630756 Option 2 ID: 630680630757 Option 3 ID: 630680630758 Option 4 ID: 630680630759

Status : Answered

Chosen Option : 1

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.

Culture is (1)_____, understanding, and protecting, like the cultivation of a garden, not the destruction or eradication of its roots. Understanding the roots and seeds, taking much care and providing instructed nourishment (2)_____ important for good gardening. Culture also is similar; understanding its acquaintance (3)____ literature and art and careful protection are required. Culture is the way of life of a particular society in which a group of people live together in one place. The society's culture is visible in its literature, arts, social system, language and religion. It is a combination of traditions, customs, institutions, food habits, manners, morals, thoughts, tastes, views and beliefs. Usually, families (4)____ culture to the younger generations. As family system is becoming weak, schools, colleges and universities should take up this responsibility as education should promote potential values of its culture. The role of universities (5)_____ only to issue course completed certificates.

SubQuestion No: 25

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

Ans

√ 1. should not be restricted

X 2. should be restricted

X 3. should restricted

X 4. restrict

Question ID : 630680162880 Option 1 ID : 630680630763 Option 2 ID : 630680630761

Option 3 ID : **630680630762** Option 4 ID : **630680630760**

Status: Not Answered