Combined Graduate Level Examination 2024 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	23/09/2024
Exam Time	4:00 PM - 5:00 PM
Subject	Combined Graduate Level Examination Tier I

Section: General Intelligence and Reasoning

Q.1 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

_YRWIY_XI_R_IYRZ

Ans X 1. XRYY

X 2. IRZY

X 3. IYYX

4. IRYY

Question ID : 630680261798

Option 1 ID: 6306801016849

Option 2 ID : 6306801016847

Option 3 ID : **6306801016850**

Option 4 ID : **6306801016848** Status : **Answered**

Chosen Option: 4

Q.2 In a certain code language, 'cat dog monkey' is coded as '55 66 88'; 'camel cat donkey' is coded as '66 99 33' and 'dog goat tiger' is coded as '88 11 22'. How is 'monkey' coded in that language?

Ans X 1.88

X 2.66

X 3. 11

4. 55

Question ID : 630680189111

Option 1 ID: 630680733256

Option 2 ID: 630680733253

Option 3 ID : **630680733255**

Option 4 ID : **630680733254** Status : **Answered**

Chosen Option : 4

Q.3 Select the number from among the given options that can replace the question mark (?) in the following series.

45, 52, 63, 76, 93, ?

Ans X 1. 116

X 2. 118

X 3. 122

4. 112

Question ID: 630680411898

Option 1 ID: 6306801606429

Option 2 ID: 6306801606427

Option 3 ID: 6306801606428

Option 4 ID: 6306801606430

Status : Answered

Q.4 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. MSD: NHW :: OAE : LZV :: NIP:? X 1. MQK 2. MRK X 3. NRL X 4. NSL Question ID: 630680416744 Option 1 ID: 6306801625741 Option 2 ID: 6306801625739 Option 3 ID: 6306801625742 Option 4 ID: 6306801625740 Status: Answered Chosen Option: 1 Q.5 The position(s) of how many letters will remain unchanged if all the letters in the word 'LAUNDER' are arranged in English alphabetical order? X 1. Three 2. None X 3. Two X 4. One Question ID: 630680375920 Option 1 ID: 6306801464754 Option 2 ID: 6306801464751 Option 3 ID: 6306801464753 Option 4 ID: 6306801464752 Status: Answered Chosen Option : 2 Q.6 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $152 \div 6 + 1617 \times 7 - 77 = ?$ X 1. 785 Ans X 2. 578 **3**. 758 X 4. 587 Question ID: 630680411719 Option 1 ID: 6306801605714 Option 2 ID: 6306801605712 Option 3 ID: 6306801605713 Option 4 ID: 6306801605711 Status : Not Attempted and Marked For Review Chosen Option: --

Q.7 In a certain code language, 'WJSL' is coded as '25-12-21-14' and 'DUOH' is coded as '6-23-17-10'. What is the code for 'PFKR' in the given language?

Ans X 1. 19-9-12-19

X 2. 20-10-14-21

X 3. 20-9-12-20

4. 18-8-13-20

Question ID: 630680788505 Option 1 ID: 6306803089802 Option 2 ID: 6306803089801 Option 3 ID: 6306803089803 Option 4 ID: 6306803089800 Status: Answered

Chosen Option : 4

Q.8 13 is related to 21 following certain logic. Following the same logic, 35 is related to 43. To which of the following numbers is 66 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 1.71

X 2.73

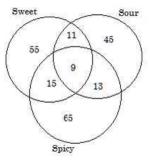
3. 74

X 4. 72

Question ID: 630680162505 Option 1 ID: 630680629319 Option 2 ID: 630680629317 Option 3 ID: 630680629316 Option 4 ID: 630680629318 Status: Not Answered

Chosen Option: --

Q.9 How many people like either only spicy or only sweet as per the given Venn diagram?



Ans X 1. 144

X 2. 110

X 3. 135

4. 120

Question ID: 630680113680 Option 1 ID: 630680440257 Option 2 ID: 630680440256 Option 3 ID: 630680440255 Option 4 ID: 630680440254 Status: Answered

1	Select the option that is related to the fifth letter cluster in the same letter cluster is related to the first letter cluster and the fourth letter the third letter cluster.		
	EXPENSE: EPXEESN:: FASHION: HSAFNOI:: FORTUNE:?		
Ans	✓ 1. TROFENU		
	X 2. ENUTROF		
	X 3. TUNEFOR		
	X 4. ROFNUTE		
			630680416459
		· '	6306801624601
			6306801624602 6306801624600
		· ·	6306801624599
			Not Answered
		Chosen Option :	
;	The question contains pairs of words that are related to each other Three of the following four word pairs are alike as these have the sa and thus form a group. Which word pair is the one that DOES NOT I group? (The words must be considered as meaningful English words and n	ame relationship pelong to that	
1	to each other based on the number of letters/number of consonants word.)	/vowels in the	
Ans	X 1. Boxing – 1 player in a team		
	X 2. Chess – 1 player in a team		
X 3. Polo − 4 players in a team			
		Question ID :	630680798730
			6306803129777
			6306803129776
			6306803129778 6306803129779
		· '	Marked For Review
		Chosen Option :	
		<u> </u>	
Q.12	How many rectangles are there in the given figure?		
Ans	√ 1. 9		
	★ 2.6		
	X 2 8		
	★ 3. 8 ★ 4. 4		
	X 4.4		
		0	620690464900
			630680161866
			630680626775 630680626773
		· ·	630680626774
			630680626772
			Answered
		Chosen Option:	1

Q.13 Six letters O, Z, F, T, R and M 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 Z.





Ans

🥠 1. M

X 2. T

X 3. R

X 4. F

Question ID: 630680222372

Option 1 ID: 630680863322

Option 2 ID: 630680863319

Option 3 ID: 630680863320

Option 4 ID: 630680863321

Status: Answered

Chosen Option: 1

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN.

Hf2q6r3

Ans

X 1 810p21H

Hf2pe13 .5 X

Hf2q6r3 .6 🍆

X 4. E19pf2H

Question ID: 630680325825

Option 1 ID: 6306801267493

Option 2 ID : 6306801267495

Option 3 ID: 6306801267494

Option 4 ID: 6306801267496

Status : Answered

Chosen Option: 3

Q.15 Three of the following number-pairs are alike in some manner and hence form a group. Which number-pair does not belong to that group?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Δns

X 1. 12 – 156

X 2. 21 – 462

√ 3. 14 − 196

X 4. 17 – 306

Question ID : 630680349004

Option 1 ID: 6306801358305

Option 2 ID : 6306801358306

Option 3 ID: 6306801358307

Option 4 ID: 6306801358308

Status: Answered

Q.16 Which two numbers (not digits) should be interchanged to make the given equation correct?

 $6 \times 3 + 8 \div 2 + 21 + 5 \times 4 - 14 \div 7 = 53$

Ans X 1. 8 and 4

X 2. 3 and 5

X 4. 2 and 4

Question ID : **630680319377** Option 1 ID : **6306801242415**

Option 2 ID : **6306801242414**Option 3 ID : **6306801242414**

Option 4 ID : **6306801242413**Status : **Not Answered**

Chosen Option: --

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(6, 31) (10, 91)

(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. (7, 68)

2. (8, 57)

X 3. (12, 146)

X 4. (9, 81)

Question ID: 630680319360

Option 1 ID : **6306801242346** Option 2 ID : **6306801242345**

Option 3 ID: 6306801242348 Option 4 ID: 6306801242347

Status : Not Answered

Chosen Option : --

Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

Rad6v@1V

X2. @ A 8 b a 9

Rad6v@ .€ X

Rab6v@.4X

Question ID: 630680356666

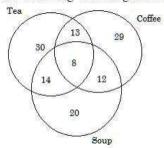
Option 1 ID: 6306801388666

Option 2 ID : **6306801388668**

Option 3 ID : **6306801388665** Option 4 ID : **6306801388667**

Status : Answered

Q.19 The following Venn diagram shows people's liking for Tea, Coffee and Soup.



How many people like tea and coffee both?

Ans X 1.43

X 2. 13

X 3. 29

4. 21

Question ID: 63068082919

Option 1 ID: 630680321538

Option 2 ID : 630680321536

Option 3 ID : 630680321539

Option 4 ID : **630680321537** Status : **Answered**

Chosen Option : 4

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will logically complete the series.

ME_ICM_DIC_GDI_MHD_C

Ans X 1. DEMAI

2. DFMCI

X 3. DCFMI

💢 4. DFMBI

Question ID: 630680216606

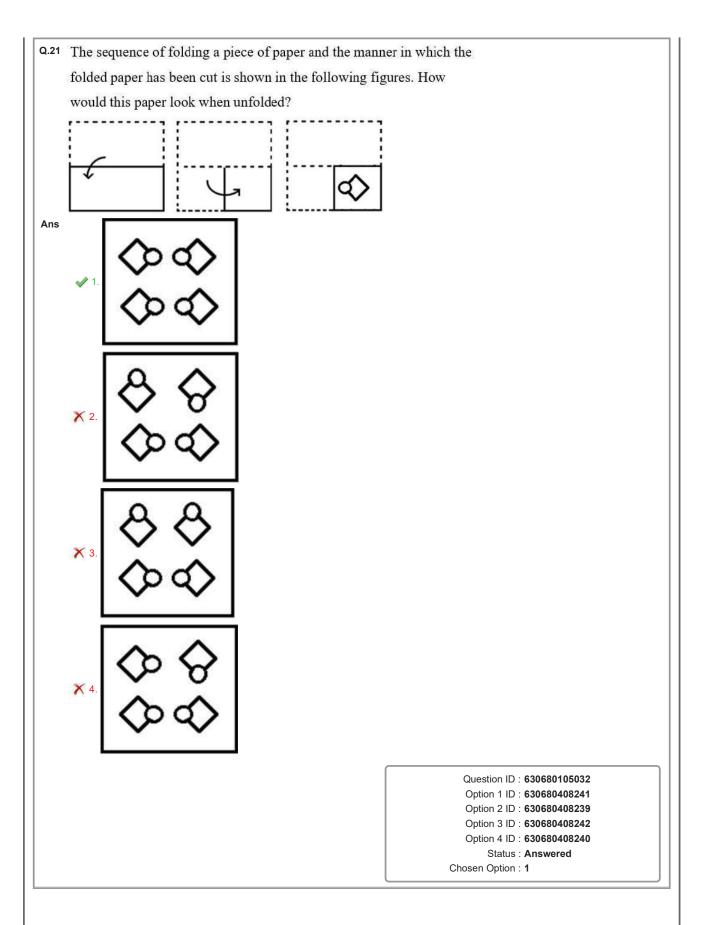
Option 1 ID: 630680840387

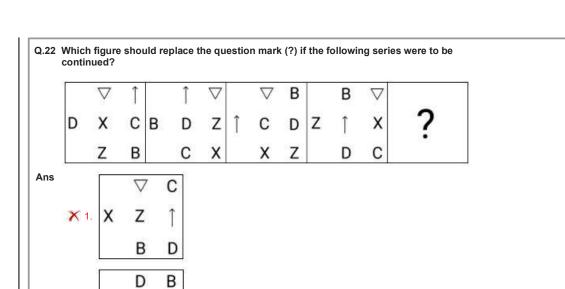
Option 2 ID: 630680840388

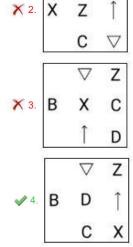
Option 3 ID: 630680840390

Option 4 ID: 630680840389

Status: Answered







Question ID: 630680214465
Option 1 ID: 630680831893
Option 2 ID: 630680831891
Option 3 ID: 630680831892
Option 4 ID: 630680831894
Status: Answered

Q.23	Identify the figure given in the options which when put in place (?) will logically complete the series.	e of the question mark
		?
Ans	★ 1.	
	X 2.	
	× 3.	
	✓ 4.	
		Question ID: 630680471472 Option 1 ID: 6306801841603 Option 2 ID: 6306801841604 Option 3 ID: 6306801841605 Option 4 ID: 6306801841602 Status: Answered Chosen Option: 4

Q.24 21 is related to 220 by certain logic. Following the same logic, 72 is related to 781. To which of the following is 27 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.) X 1. 340

Ans

2. 286

X 3. 290

X 4. 316

Question ID: 630680326552 Option 1 ID: 6306801270294 Option 2 ID: 6306801270295 Option 3 ID: 6306801270296

Option 4 ID: 6306801270293 Status: Not Answered

Chosen Option: --

Q.25 In a certain code language,

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

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

'A? B' means 'A is the mother of B' and

'A! B' means 'A is the wife of B'.

Which of the following means that W is the mother's mother of P?

X 2.W?RxY!O&P

X 3. W ? R ! Y & O x P

Question ID: 630680797524 Option 1 ID: 6306803125054 Option 2 ID: 6306803125053 Option 3 ID: 6306803125055

Option 4 ID: 6306803125052 Status: Answered

Chosen Option: 2

Section: General Awareness

Q.1 Digestion of food is an important function of the animal body. In animals like lions, cows, humans, etc., the process involves use of various organs starting from the mouth and ending with the anus. The longest part of this canal is known as the

√ 1. small intestine

X 2. stomach

X 3. oesophagus

X 4. large intestine

Question ID: 630680517183

Option 1 ID: 6306802021131

Option 2 ID: 6306802021129

Option 3 ID: 6306802021128

Option 4 ID: 6306802021130

Status: Answered

Q.2 Who among the following is known as 'Captain Cool' in Indian Cricket?

Ans 🗳 1. Mahendra Singh Dhoni

X 2. Kapil Dev

X 3. Virat Kohli

X 4. Sachin Tendulkar

Question ID : 630680339377 Option 1 ID : 6306801320080 Option 2 ID : 6306801320079 Option 3 ID : 6306801320078 Option 4 ID : 6306801320077

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

Q.3 Papanasam Ramayya Sivan was an Indian composer of which music style?

Ans X 1. Bhajan

X 2. Folk music

X 3. Qawwali

4. Carnatic music

Question ID: 630680410395 Option 1 ID: 6306801600308 Option 2 ID: 6306801600309 Option 3 ID: 6306801600307 Option 4 ID: 6306801600310

Status: Answered

Chosen Option: 4

Q.4 Which of the following is a difference between self-help groups (SHGs) and microfinance institutions (MFIs) in India?

Ans X 1. SHGs provide only credit, while MFIs provide a range of financial services.

X 2. SHGs rely on government subsidies for funding, while MFIs rely on commercial sources of funding.

3. SHGs are typically small, community-based organisations, while MFIs are larger and more formal institutions.

4. SHGs are non-profit organisations, while MFIs are for-profit organisations.

Question ID: 630680324074 Option 1 ID: 6306801260790 Option 2 ID: 6306801260792 Option 3 ID: 6306801260791 Option 4 ID: 6306801260789

Status: Answered

Chosen Option: 3

Q.5 Which famous experiment was done by Michael Faraday in 1831?

Ans X 1. Discovery of law of elasticity

2. Discovery of electromagnetic induction

X 3. Discovery of quantum magnetometers

¥ 4. Discovery of natural radioactivity

Question ID : 630680302886 Option 1 ID : 6306801178207 Option 2 ID : 6306801178208 Option 3 ID : 6306801178208 Option 4 ID : 6306801178209

Status : Answered

Q.6 The book 'Poverty and Un-British Rule in India' was written by _ X 1. Bipin Chandra Pal X 2. MN Roy 3. Dadabhai Naoroji 🗡 4. Lala Lajpat Rai Question ID: 630680412317 Option 1 ID: 6306801608093 Option 2 ID: 6306801608094 Option 3 ID: 6306801608092 Option 4 ID: 6306801608091 Status: Answered Chosen Option: 3 Q.7 Where was the first meeting of the Employment Working Group of G20 conducted? X 1. Jaipur X 2. Kolkata 3. Jodhpur X 4. Lucknow Question ID: 630680353931 Option 1 ID: 6306801377797 Option 2 ID: 6306801377800 Option 3 ID: 6306801377798 Option 4 ID: 6306801377799 Status : Not Attempted and Marked For Review Chosen Option: --Q.8 In which of the following states is the Chu-Faat dance performed? X 1. West Bengal 2. Sikkim X 3. Uttarakhand 💢 4. Haryana Question ID: 630680216204 Option 1 ID: 630680838793 Option 2 ID: 630680838792 Option 3 ID: 630680838794 Option 4 ID: 630680838791 Status : Not Attempted and Marked For Review Chosen Option: --Q.9 What is the salinity of the Dead Sea (per litre of water)? 1. 340 grams Ans X 2. 390 grams X 3. 440 grams X 4. 240 grams Question ID: 63068094193 Option 1 ID: 630680365468 Option 2 ID: 630680365469 Option 3 ID: 630680365470

Option 4 ID: 630680365467

Status:

Chosen Option: --

Not Attempted and

Marked For Review

2. S Vijayalakshmi X 3. Harika Dronavalli X 4. R Vaishali Question ID: 630680510829 Option 1 ID: 6306801996446 Option 2 ID: 6306801996448 Option 3 ID: 6306801996449 Option 4 ID: 6306801996447 Status : Not Attempted and Marked For Review Chosen Option: --Q.11 Who reconciled Dalton's atomic hypothesis with Gay-Lussac's results on the combination of volumes in 1811? X 1. Robert Boyle Ans X 2. Fred Hoyle X 3. Jacques Charles 4. Amadeo Avogadro Question ID: 630680517139 Option 1 ID: 6306802020953 Option 2 ID: 6306802020954 Option 3 ID: 6306802020952 Option 4 ID: 6306802020955 Status : Not Attempted and Marked For Review Chosen Option: --Q.12 As per the Census of India 2011, the increase in literacy rates for males and females, respectively, as compared to 2001 Census was: X 1. 4.88% and 10.79% X 2. 5.88% and 12.79% X 4. 3.88% and 13.79% Question ID: 630680409606 Option 1 ID: 6306801597254 Option 2 ID: 6306801597253 Option 3 ID: 6306801597255 Option 4 ID: 6306801597256 Not Attempted and Marked For Review Status: Chosen Option: --

Q.10 Which of the following is the first Indian woman Grandmaster in Chess?

Ans X 1. Tania Sachdev

Q.13 Which of the following is a festival primarily celebrated in the state of Odisha?

Ans X 1. Chhath

2. Raja Parba

X 3. Me-Dam-Me-Phi

X 4. Baishagu

Question ID: 630680305974 Option 1 ID: 6306801190249 Option 2 ID: 6306801190250 Option 3 ID: 6306801190251 Option 4 ID: 6306801190252 Status: Answered

Chosen Option: 2

Q.14 Which Act was passed by the British Parliament in the year 1773 AD to regulate the activities of the East India Company?

Ans X 1. Pitt's India Act

X 2. Age of Consent Act

X 3. Indian Slavery Act

4. Regulating Act

Question ID: 630680511537 Option 1 ID: 6306801999271 Option 2 ID: 6306801999272 Option 3 ID: 6306801999270 Option 4 ID: 6306801999273

Status: Answered Chosen Option: 4

Q.15 Match the following items.

> List I List II

i. Kasturba Gandhi Balika Vidyalaya Scheme a. 1994

ii. Mid-Day Meal Scheme b. 2004

iii. The National Accreditation Assessment c. 1945 Council

iv. All India Council for Technical Education d. 1995

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

√ 3. i (b), ii (d), iii (a), iv (c)

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

Question ID: 6306801048059 Option 1 ID: 6306804114282 Option 2 ID: 6306804114285 Option 3 ID: 6306804114284 Option 4 ID: 6306804114283 Status: Answered

Q.16 The famous santoor player Pandit Shivkumar Sharma received the _ in the year 1986. X 1. Sanskriti Award X 2. Kalidas Samman 3. Sangeet Natak Akademi Award X 4. Maharashtra Gurav Puraskar Question ID: 6306801048038 Option 1 ID: 6306804114201 Option 2 ID: 6306804114199 Option 3 ID: 6306804114198 Option 4 ID: 6306804114200 Status : Not Attempted and Marked For Review Chosen Option: --Q.17 The Aryans lived in the land known as 'Sapta Sindhu' (Land of the Seven Rivers). Which of the following was NOT a part of it? Ans X 1. Ravi 2. Shipra X 3. Jhelum X 4. Indus Question ID: 630680412492 Option 1 ID: 6306801608793 Option 2 ID: 6306801608792 Option 3 ID: 6306801608794 Option 4 ID: 6306801608791 Status: Answered Chosen Option: 2 Q.18 Who was the chief coordinator for the G20 summit hosted by India? Ans X 1. S Jaishankar X 2. Vijay Gokhale X 3. Vinay Kwatra 4. Harsh Vardhan Shringla Question ID: 630680195360 Option 1 ID: 630680757909 Option 2 ID: 630680757910 Option 3 ID: 630680757911 Option 4 ID: 630680757912 Status: Not Answered Chosen Option: --Q.19 Who among the following founded the Pala dynasty in 8th Century CE? Ans X 1. Dharmapala 🥒 2. Gopala X 3. Devapala X 4. Ramapala

Question ID : 630680412434
Option 1 ID : 6306801608561
Option 2 ID : 6306801608562
Option 3 ID : 6306801608559
Option 4 ID : 6306801608560
Status : Answered

Q.20 The ICAR - Sugarcane Breeding Institute is located at: Ans X 1. Cuddalore 2. Coimbatore X 3. Tirunelveli X 4. Vellore Question ID: 630680134721 Option 1 ID: 630680521704 Option 2 ID: 630680521703 Option 3 ID: 630680521705 Option 4 ID: 630680521702 Status: Marked For Review Chosen Option: 2 Q.21 Who assumed charge as the new Vice Chief of the Indian Navy on 31 July 2021? X 1. Ravneet Singh X 2. Karambir Singh 3. SN Ghormade X 4. Dinesh K Tripathi Question ID: 630680158409 Option 1 ID: 630680613165 Option 2 ID: 630680613164 Option 3 ID: 630680613167 Option 4 ID: 630680613166 Status: Answered Chosen Option: 3 Q.22 The number of ministers, including the Chief Minister, in a state shall NOT be less than Ans X 1. 13 **2**. 12 X 3. 11 **X** 4. 10 Question ID: 630680326518 Option 1 ID: 6306801270160 Option 2 ID: 6306801270159 Option 3 ID: 6306801270158 Option 4 ID: 6306801270157 Status: Not Answered Chosen Option: --Q.23 Directive principles of State Policy were added to the Indian Constitution by the 42nd Constitutional Amendment Act of 1976. Ans X 1. Three 2. Four X 3. Five X 4. Two Question ID : 630680329454 Option 1 ID: 6306801281558 Option 2 ID: 6306801281559 Option 3 ID: 6306801281560 Option 4 ID: 6306801281557

Not Attempted and

Marked For Review

Status:

Ans X 1. Alfred Russel Wallace X 2. Howard Thomas Odum X 3. George Evelyn Hutchinson 4. Pierre François Verhulst Question ID: 630680407458 Option 1 ID: 6306801588772 Option 2 ID: 6306801588771 Option 3 ID: 6306801588773 Option 4 ID: 6306801588770 Status: Not Answered Chosen Option: --Q.25 Which of the following is NOT a major climate control of a place? √ 1. Interior of the earth X 2. Ocean currents X 3. Latitude X 4. Altitude Question ID: 630680302662 Option 1 ID: 6306801177317 Option 2 ID: 6306801177316 Option 3 ID: 6306801177314 Option 4 ID: 6306801177315 Status: Answered Chosen Option: 2 Section: Quantitative Aptitude Q.1 In a team of seven members, the average age of six of the members is 42 years while the age of the seventh member of the team is 36 years more than the average age of all the seven members taken together. Find the age (in years) of the seventh member of the team. Ans **1.84** X 2.78 **X** 3.80 **X** 4. 90 Question ID: 630680381292 Option 1 ID: 6306801486121 Option 2 ID: 6306801486119 Option 3 ID: 6306801486120 Option 4 ID: 6306801486122 Status: Not Answered Chosen Option: --

Q.24 Who published the logistic equation model of population growth in 1838?

Simplify the following expression $0.07 \times 0.28 \div 0.04 + 0.64 - 1.64 \div 0.04$

Ans X 1.36.78

✓ 2. **–39.8**7

X 3.38.56

X 4. -46.48

Question ID: 630680403284 Option 1 ID: 6306801572637 Option 2 ID: 6306801572636 Option 3 ID: 6306801572634

Option 4 ID : **6306801572635** Status : **Answered**

Chosen Option : 2

Q.3 If in a circle a chord of length 14 cm is at a distance of 24 cm from its centre, then the length of the radius of the circle is:

Ans X 1. 28 cm

🥒 2. 25 cm

X 3. 24 cm

X 4. 31 cm

Question ID: 630680406582 Option 1 ID: 6306801585552 Option 2 ID: 6306801585551

Option 3 ID : **6306801585550** Option 4 ID : **6306801585553**

Status: Answered

Chosen Option : 2

If each side of an equilateral triangle is $37\sqrt{3}$ cm, then its altitude (in cm) is equal to

Ans X 1. 37.5

X 2. 18.5

X 3. 60.5

4. 55.5

Question ID : 630680421366

Option 1 ID: 6306801643928

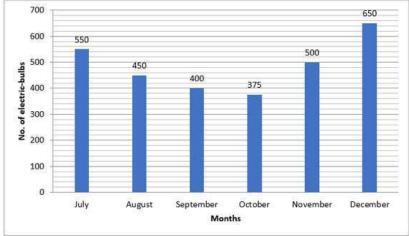
Option 2 ID: 6306801643927

Option 3 ID : 6306801643930

Option 4 ID: 6306801643929

Status : Answered

Q.5 The monthly production of electric bulbs by a company during the second half of the year 2021 is shown by the following bar graph. Study the bar graph carefully and answer the question given below.



What is the percentage decrement in the production of electric bulbs in October as compared to the production in July? (Correct up to two decimal places.)

Ans

X 1. 30.28%

X 2. 29.82%

3.31.82%

X 4. 32.28%

Question ID : 630680383454

Option 1 ID: 6306801494712

Option 2 ID: 6306801494711

Option 3 ID: **6306801494713** Option 4 ID: **6306801494714**

Status : Answered

Chosen Option : 4

If $tanA = \frac{1}{\sqrt{10}}$, A is an acute angle, then the value of sinA + cosecA is:

- A 1. 11
 - \times 2. $\frac{10}{\sqrt{11}}$
 - \checkmark 3. $\frac{12}{\sqrt{11}}$
 - \times 4. $\frac{1}{\sqrt{10}}$

Question ID: 630680398089

Option 1 ID: 6306801552367

Option 2 ID: 6306801552368

Option 3 ID : **6306801552369**

Option 4 ID : **6306801552366**

Status: Not Answered

Q.7 Let $3t - \frac{1}{3t} = 3$, then which of the following expressions has the value equal to 12?

Ans
$$\times$$
 1. $9t^2 + \frac{1}{9t^2} - 2$

$$\times$$
 2. $9t^2 + \frac{1}{9t^2} + 2$

$$\checkmark$$
 3. $9t^2 + \frac{1}{9t^2} + 1$

$$\times$$
 4. $9t^2 + \frac{1}{9t^2}$

Question ID: 630680413483 Option 1 ID: 6306801612756 Option 2 ID: 6306801612757 Option 3 ID: 6306801612758

Option 4 ID: 6306801612759 Status: Not Answered

Chosen Option: --

Q.8 Find the area of a rectangle whose length is 52m and breadth is 9m.

Question ID: 630680101829 Option 1 ID: 630680395678

Option 2 ID: 630680395679 Option 3 ID: 630680395676 Option 4 ID: 630680395677

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9 A boat covers a distance of 55 km downstream in 5 hours while it takes 11 hours to cover the same distance upstream. What is the speed of the boat?

Ans

X 2. 11 km/h

X 3.7 km/h

X 4. 9 km/h

Question ID: 630680428674

Option 1 ID: 6306801672741 Option 2 ID: 6306801672743

Option 3 ID: 6306801672740

Option 4 ID: 6306801672742

Status: Not Answered

Ans	that of the rest is 60. What is the average score of the class? 1.60.8	
Allo		
	× 2. 59.8	
	× 3.58.8	
	X 4. 61.8	
		Question ID : 630680566255
		Option 1 ID : 6306802214008
		Option 2 ID : 6306802214009
		Option 3 ID : 6306802214011
		Option 4 ID : 6306802214010
		Status : Answered
		Chosen Option : 1
,	Two pipes A and B can fill a tank in 20 and 30 hours, respectively. opened to fill the tank, but when the tank is one-third full, a leak do which one-fourth of the water supplied by both pipes goes out. Fir hours) taken to fill the tank.	evelops through
Ans	$\times 1.11\frac{2}{5}$	
	$\checkmark 2.14\frac{-}{3}$	

Question ID : 630680397590
Option 1 ID : 6306801550284
Option 2 ID : 6306801550281
Option 3 ID : 6306801550283
Option 4 ID : 6306801550282
Status : Not Answered

Chosen Option : --

Q.12 The ratio of the ages of A and B, 3 years ago, was 5:7. The ratio of their ages, 13 years from now, will be 9:11. If the present age of C is 11 years less than that of B, then the present age of C, in years, is:

Ans X 1. 31

2. 20

× 4.14

X 3. 23

X 4. 36

Question ID: 630680397527 Option 1 ID: 6306801550026 Option 2 ID: 6306801550027 Option 3 ID: 6306801550028 Option 4 ID: 6306801550029

Status : Not Answered Chosen Option : --

Q.13 The following table represents the total number of students in different classes and the respective number of students who are vegetarian, in a school. Study the table carefully and answer the question that follows.

Class	Total number of students	Number of vegetarian students
XII	150	105
XI	165	100
X	125	80
IX	140	90

What is the percentage of non-vegetarian students in class XII?

Ans

1. 30%

X 2.35%

X 3. 25%

X 4.40%

Question ID: 630680428193

Option 1 ID: 6306801670817 Option 2 ID: 6306801670818

Option 3 ID: 6306801670816 Option 4 ID: 6306801670819

Status: Answered

Chosen Option: 1

Q.14 In $\triangle PQR$, if $4\angle P = 5\angle Q = 20\angle R$, then the value of $\angle Q$ is:

Ans X 1.45°

X 2.90°

X 3.36°

√ 4. 72°

Question ID: 630680382708

Option 1 ID: 6306801491749

Option 2 ID: 6306801491750

Option 3 ID: 6306801491748

Option 4 ID: 6306801491747

Status: Not Answered

Chosen Option: --

Q.15 If an employee's income is ₹72,000, the amount he spends is 40% higher than his savings. Therefore, his savings (in ₹) is:

Ans

1. 30000

X 2. 32000

X 3. 34000

X 4. 28000

Question ID: 630680428058

Option 1 ID: 6306801670277

Option 2 ID: 6306801670278

Option 3 ID: 6306801670279

Option 4 ID: 6306801670276

Status: Answered

Q.16

The value of $\frac{\sin^2\theta - 2\sin^4\theta}{2\cos^4\theta + \cos^2\theta}$ at $\theta = 45^\circ$ is:

Ans X 1.3

1.3

✓ 2. 0✗ 3. 2

X 4.1

Question ID: 630680199702

Option 1 ID : **630680774417** Option 2 ID : **630680774416**

Option 3 ID : **630680774418** Option 4 ID : **630680774415**

Status: Not Answered

Chosen Option : --

Q.17 The number 4,29,714 is divisible by:

Ans X 1. 6 and 5

2. 3 and 6

X 3. 4 and 6

X 4. 3 and 5

Question ID: 630680131180

Option 1 ID: 630680507989

Option 2 ID: 630680507988

Option 3 ID: **630680507986** Option 4 ID: **630680507987**

Status : Answered

Chosen Option: 2

Q.18 The sale of two kinds of bicycles B1 and B2 (in lakhs) manufactured by a company over a period of three years are shown in the table below.

Year	B1	B2
2001	95	184
2002	130	200
2003	150	216

From 2001 to 2003, the total sale of bicycles B1 is what percent of the total sale of bicycles B2?

Ans X 1. 56.7%

× 2. 68.2%

3. 62.5%

X 4. 70.6%

Question ID : 630680428272

Option 1 ID : 6306801671135

Option 2 ID: 6306801671133

Option 3 ID : 6306801671134

Option 4 ID: 6306801671132

Status : Answered

Q.19 If 3x + 2y = 10 and 2xy = 7, then find the value of 3x - 2y (if 3x - 2y > 0). Ans X 2.6 X 3. 10 **X** 4.8 Question ID: 630680413489 Option 1 ID: 6306801612780 Option 2 ID: 6306801612781 Option 3 ID: 6306801612783 Option 4 ID: 6306801612782 Status : Not Attempted and Marked For Review Chosen Option: --Q.20 For what value of t is the value of $\sin^2(t)$, half of the value of $\tan(t)$? Ans X 1. 30° √ 2. 45° X 3.60° X 4. 22.5° Question ID: 630680518890 Option 1 ID: 6306802028032 Option 2 ID: 6306802028033 Option 3 ID: 6306802028034 Option 4 ID: 6306802028035 Status: Marked For Review Chosen Option: 2 Q.21 The single discount equivalent to a series discount of 60%, 70% and 80%. Ans X 1. 95.5% X 2.85% X 3.70% **4**. 97.6% Question ID: 630680178723 Option 1 ID: 630680692987 Option 2 ID: 630680692986 Option 3 ID: 630680692985 Option 4 ID: 630680692984 Status : Not Attempted and Marked For Review Chosen Option: --

Q.22 The following table shows the number of students admitted in to a university for higher education from 2010 to 2013.

Year	Number of Students
2010	450
2011	540
2012	370
2013	680

What is the average number of students admitted in to the university from 2010 to 2013?

Ans X 1.495

X 2.499

X 3. 522

4. 510

Question ID : **630680523726** Option 1 ID : **6306802047055**

Option 2 ID : **6306802047057** Option 3 ID : **6306802047056**

Option 4 ID : **6306802047058**

Status: Answered

Chosen Option: 4

Q.23 The length of the tangent drawn from a point 10 cm away from the centre of a circle with radius 4 cm, is:

Ans

√ 1. 2√21

× 2. 2√14

× 3. 3√21

× 4. 3√14

Question ID: 630680195539

Option 1 ID : 630680758626

Option 2 ID: 630680758628

Option 3 ID : **630680758625**

Option 4 ID: 630680758627

Status : Not Answered

Q.24 A customer pays ₹975 in instalments. The payment is done each month ₹5 less than the previous month. If the first instalment is ₹100, how much time will be taken to pay the entire amount? Ans X 1. 26 months X 2. 14 months X 3. 27 months 4. 15 months Question ID: 630680135784 Option 1 ID: 630680525857 Option 2 ID: 630680525854 Option 3 ID: 630680525855 Option 4 ID: 630680525856 Status: Not Answered Chosen Option : --Find the gain percentage, given that Anubha sold her scooter for 31524 gaining $\frac{1}{6}$ th of the selling price. **X** 1. 30% 2. 20% **X** 3. 35% X 4.5% Question ID: 630680922778 Option 1 ID: 6306803615960 Option 2 ID: 6306803615958 Option 3 ID: 6306803615961 Option 4 ID: 6306803615959 Status: Not Answered Chosen Option: --Section: English Comprehension Q.1 Select the most appropriate option to substitute the underlined segment in the given The cynical investors believed in every word the analysts said. X 1. persuasive Ans X 2. credible X 3. distrustful 4. credulous Question ID: 630680176816 Option 1 ID: 630680685476 Option 2 ID: 630680685478 Option 3 ID: 630680685479 Option 4 ID: 630680685477 Status: Answered Chosen Option: 3

Q.2 Select the most appropriate ANTONYM of the underlined word. Her remarks were relevant to the discussion. X 1. Suitable Ans 2. Inappropriate X 3. Conclusive X 4. Introductory Question ID: 630680401251 Option 1 ID: 6306801564825 Option 2 ID: 6306801564826 Option 3 ID: 6306801564827 Option 4 ID: 6306801564828 Status: Answered Chosen Option: 2 Q.3 Select the most appropriate ANTONYM of the given word. Lethargic 1. Active Ans X 2. Angry X 3. Languid X 4. Moderate Question ID: 630680396860 Option 1 ID: 6306801547510 Option 2 ID: 6306801547508 Option 3 ID: 6306801547509 Option 4 ID: 6306801547511 Status: Answered Chosen Option: 1 Q.4 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct sequence to form a meaningful sentence. (P) unlock their potential (Q) empowers individuals to (O) and shape their future (R) the power of education Ans X 1. QROP X 2. RPOQ X 4. OPRQ Question ID: 630680380981 Option 1 ID: 6306801484913 Option 2 ID: 6306801484914 Option 3 ID: 6306801484911 Option 4 ID: 6306801484912 Status: Answered Chosen Option: 3

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence.

Athens was suffering under the rule of \underline{a} powerful small \underline{group} that had no concern for the people's welfare.

Ans 🧳 1. an oligarchy

X 2. a monarchy

X 3. a missionary

X 4. a democracy

Question ID : **630680170444** Option 1 ID : **630680660370** Option 2 ID : **630680660371**

Option 3 ID : **630680660369** Option 4 ID : **630680660372**

Status: Answered

Chosen Option: 2

Q.6 Select the most appropriate option that can substitute the underlined words in the given sentence.

Ranjith failed in all his exams as he had been addicted of social media.

Ans 1. as he had been addicted to

X 2. as he had been addicted at

X 3. as he had been addicted on

X 4. as he had been addicted in

Question ID : 630680182090

Option 1 ID : **630680705583** Option 2 ID : **630680705585**

Option 3 ID : **630680705584** Option 4 ID : **630680705582**

Status : Answered

Chosen Option: 1

Q.7 Select the most appropriate option that can rectify the incorrectly spelt word in the following sentence.

I doubt that these lifts can acommodate 100 people.

Ans 💜 1. accommodate

X 2. acomodate

X 3. accomodate

X 4. accommodatte

Question ID: 630680360093

Option 1 ID : 6306801402318

Option 2 ID : **6306801402319** Option 3 ID : **6306801402317**

Option 4 ID : **6306801402320**

Status: Answered

Q.8 Select the sentence that is expressed in passive voice.

Ans X 1. Children are participating in sand-art competition.

X 2. I prefer tea to coffee.

X 3. She sketches beautifully.

4. The consignment was delivered yesterday.

Question ID: 630680415161 Option 1 ID: 6306801619391 Option 2 ID: 6306801619394 Option 3 ID: 6306801619393 Option 4 ID: 6306801619392

Status: Answered

Chosen Option : 4

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

The evening time when the sun has just set and it is almost dark.

Ans X 1. Night

2. Dusk

X 3. Dawn

X 4. Day break

Question ID: 630680158479 Option 1 ID: 630680613441 Option 2 ID: 630680613443 Option 3 ID: 630680613440 Option 4 ID: 630680613442

Status: Answered

Chosen Option: 2

Q.10 Select the most appropriate synonym of the given word.

Dodge

Ans X 1. Force

X 2. Boarding

3. Avoid

X 4. Amount

Question ID : **630680360817** Option 1 ID : **6306801405144**

Option 2 ID : **6306801405143** Option 3 ID : **6306801405141**

Option 4 ID : 6306801405142

Status : Answered

Q.11 Select the option with the correct use of future tense.

Ans X 1. By next December, I will be completed six years in this home.

X 2. By next December, I will have been completed six years in this home.

X 3. By next December, I will have complete six years in this home.

4. By next December, I will have completed six years in this home.

Question ID : 630680199573
Option 1 ID : 630680773902
Option 2 ID : 630680773899
Option 3 ID : 630680773900
Option 4 ID : 630680773901
Status : Answered

Chosen Option : 3

Q.12 Select the most appropriate ANTONYM of the underlined word in the following sentence.

The teammates made several jibes at the opponent team members during the interview.

Ans X 1. Inspiration

2. Contradict

X 3. Consolation

X 4. Mockery

Question ID : 630680344232 Option 1 ID : 6306801339242 Option 2 ID : 6306801339244 Option 3 ID : 6306801339243 Option 4 ID : 6306801339241 Status : Answered

Chosen Option : 1

Q.13 Select the most appropriate meaning of the underlined idiom.

This year's budget is unlikely to pass as law since the president's proposed budgets typically face a <u>jaundiced eye</u> but this one has gotten even more scepticism.

Ans X 1. Jealousy

X 2. Good will

X 3. Confidence

4. Resentment

Question ID : 630680136390

Option 1 ID : **630680528206** Option 2 ID : **630680528207**

Option 3 ID : **630680528209** Option 4 ID : **630680528208**

Status : Answered

Q.14 Select the correct spelling to fill in the blank. I often fail to _ __ remember someone's name. Ans X 1. acusatively 2. accurately X 3. accuratially X 4. accuriately Question ID: 630680409978 Option 1 ID: 6306801598743 Option 2 ID: 6306801598741 Option 3 ID: 6306801598744 Option 4 ID: 6306801598742 Status: Answered Chosen Option: 2 Q.15 The following sentence has been divided into four segments. Identify the segment that contains an error. Mr. Suman / asked me / to pack / my luggages. Ans 1. my luggages. X 2. to pack X 3. Mr. Suman X 4. asked me Question ID: 630680206717 Option 1 ID: 630680801470 Option 2 ID: 630680801469 Option 3 ID: 630680801467 Option 4 ID: 630680801468 Status: Answered Chosen Option : 1 Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence. Her behaviour was so ostentatious that it attracted the attention of everyone in the room. Ans X 1. Gentle 2. Restrained X 3. Repulsive X 4. Attractive Question ID: 630680383234 Option 1 ID: 6306801493846 Option 2 ID: 6306801493843 Option 3 ID: 6306801493845 Option 4 ID: 6306801493844 Status: Answered Chosen Option : 1

Q.17 Select the option that expresses the following sentence in passive voice. The baker baked the cake. Ans X 1. The cake had been baked by the baker. X 2. The cake has been baked by the baker. X 3. The baker has been baking the cake. 4. The cake was baked by the baker Question ID: 630680415238 Option 1 ID: 6306801619701 Option 2 ID: 6306801619700 Option 3 ID: 6306801619699 Option 4 ID: 6306801619702 Status: Answered Chosen Option: 4 Q.18 Select the option that can be used as a one-word substitute for the given group of words. A place to park aeroplanes Ans X 1. Hanger X 2. Shed 3. Hangar X 4. Depot

Question ID: 630680114213
Option 1 ID: 630680442255
Option 2 ID: 630680442256
Option 3 ID: 630680442254
Option 4 ID: 630680442257

Status: Answered

Chosen Option: 3

Q.19 Select the most appropriate synonym of the given word. Dissipate

Ans X 1. Malicious

X 2. Haste

X 3. Glorious

4. Spend

Question ID : 630680295219
Option 1 ID : 6306801148602
Option 2 ID : 6306801148601
Option 3 ID : 6306801148603
Option 4 ID : 6306801148600
Status : Answered

Q.20 Select the most appropriate meaning of the underlined idiom in the following sentence. Sejal visits the nearby temple off and on. 1. Periodically Ans X 2. Constantly X 3. Regularly X 4. Continuously Question ID: 630680316703 Option 1 ID: 6306801231990 Option 2 ID: 6306801231991 Option 3 ID: 6306801231989 Option 4 ID: 6306801231992 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. The Human Development Index (HDI) is a summary (1) accomplishment in important areas of human development, (2) living a long and healthy life, being informed and having a good quality of living. The HDI is the geometric mean of the normalised (3) _____ for each dimension. The health component is (4) _____ by life expectancy at birth, while the education dimension is measured by the average number of years of schooling for individuals aged 25 and above, as well as the (5) number of years of schooling for school-age children. SubQuestion No: 21 Q.21 Select the most appropriate answer for blank number 1. Ans X 1. collect X 2. involvement 3. assessment X 4. regiment Question ID: 630680147707 Option 1 ID: 630680571562 Option 2 ID: 630680571565 Option 3 ID: 630680571563 Option 4 ID: 630680571564 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. The Human Development Index (HDI) is a summary (1) of average accomplishment in important areas of human development, (2) living a long and healthy life, being informed and having a good quality of living. The HDI is the geometric mean of the normalised (3) ____ for each dimension. The health component is (4) by life expectancy at birth, while the education dimension is measured by the average number of years of schooling for individuals aged 25 and above, as well as the (5) number of years of schooling for school-age children. SubQuestion No: 22 Q.22 Select the most appropriate answer for blank number 2. 1. including 2. manifesting X 3. exaggerating X 4. segregating Question ID: 630680147708 Option 1 ID: 630680571569 Option 2 ID: 630680571567 Option 3 ID: 630680571566 Option 4 ID: 630680571568 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. The Human Development Index (HDI) is a summary (1) accomplishment in important areas of human development, (2) living a long and healthy life, being informed and having a good quality of living. The HDI is the geometric mean of the normalised (3) for each dimension. The health component is (4) by life expectancy at birth, while the education dimension is measured by the average number of years of schooling for individuals aged 25 and above, as well as the (5) number of years of schooling for school-age children.

SubQuestion No: 23

Q.23 Select the most appropriate answer for blank number 3.

Ans X 1. contents

2. indices

X 3. glimpses

X 4. features

Question ID: 630680147709 Option 1 ID: 630680571572 Option 2 ID: 630680571570 Option 3 ID: 630680571573 Option 4 ID: 630680571571

Status: Answered

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. The Human Development Index (HDI) is a summary (1) of average accomplishment in important areas of human development, (2) living a long and healthy life, being informed and having a good quality of living. The HDI is the geometric mean of the normalised (3) ____ for each dimension. The health component is (4) by life expectancy at birth, while the education dimension is measured by the average number of years of schooling for individuals aged 25 and above, as well as the (5) number of years of schooling for school-age children. SubQuestion No: 24 Q.24 Select the most appropriate answer for blank number 4. X 1. levitated 2. measured X 3. escaped X 4. triggered Question ID: 630680147710 Option 1 ID: 630680571577 Option 2 ID: 630680571575 Option 3 ID: 630680571576 Option 4 ID: 630680571574 Chosen Option: 2

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. The Human Development Index (HDI) is a summary (1) accomplishment in important areas of human development, (2) living a long and healthy life, being informed and having a good quality of living. The HDI is the geometric mean of the normalised (3) for each dimension. The health component is (4) by life expectancy at birth, while the education dimension is measured by the average number of years of schooling for individuals aged 25 and above, as well as the (5) number of years of schooling for school-age children.

SubQuestion No: 25

Q.25 Select the most appropriate answer for blank number 5.

Ans X 1. accompanied

X 2. hypnotised

X 3. neglected

4. predicted

Question ID: 630680147711 Option 1 ID: 630680571580 Option 2 ID: 630680571578 Option 3 ID: 630680571579

Status: Answered

Option 4 ID: 630680571581

Status: Answered