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.**
_ Y R W I Y _ X I _ R _ I Y R Z

Ans
1. XRYY
2. IRZY
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
1. 88
2. 66
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
1. 116
2. 118
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**
Chosen Option : **4**

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:?

Ans

1. MQK
2. MRK
3. NRL
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?**

Ans

1. Three
2. None
3. Two
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 '×' and '÷' are interchanged?**
152 ÷ 6 + 1617 × 7 – 77 = ?

Ans

1. 785
2. 578
3. 758
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

1. 19-9-12-19
2. 20-10-14-21
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**

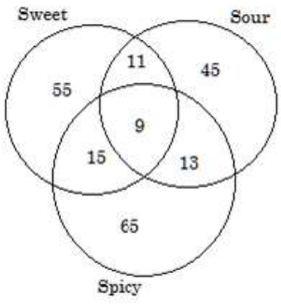
Q.8 **13 is related to 21 following certain logic. Following the same logic, 35 is related to 43. To which of the following numbers is 66 related, following the same logic? (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 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

1. 71
2. 73
3. 74
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

1. 144
2. 110
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**
Chosen Option : **4**

Q.10 **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.**
EXPENSE : EPXEESN :: FASHION : HSAFNOI :: FORTUNE : ?

Ans

1. TROFENU
2. ENUTROF
3. TUNEFOR
4. ROFNUTE

Question ID : **630680416459**
Option 1 ID : **6306801624601**
Option 2 ID : **6306801624602**
Option 3 ID : **6306801624600**
Option 4 ID : **6306801624599**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **The question contains pairs of words that are related to each other in a certain way. Three of the following four word pairs are alike as these have the same relationship and thus form a group. Which word pair is the one that DOES NOT belong to that group?**

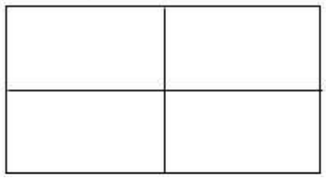
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Ans

1. Boxing – 1 player in a team
2. Chess – 1 player in a team
3. Polo – 4 players in a team
4. Football – 10 players in a team

Question ID : **630680798730**
Option 1 ID : **6306803129777**
Option 2 ID : **6306803129776**
Option 3 ID : **6306803129778**
Option 4 ID : **6306803129779**
Status : **Marked For Review**
Chosen Option : **3**

Q.12 **How many rectangles are there in the given figure?**

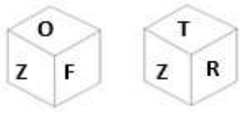


Ans

1. 9
2. 6
3. 8
4. 4

Question ID : **630680161866**
Option 1 ID : **630680626775**
Option 2 ID : **630680626773**
Option 3 ID : **630680626774**
Option 4 ID : **630680626772**
Status : **Answered**
Chosen Option : **1**

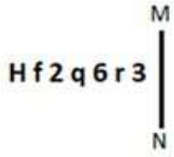
Q.13 Six letters O, Z, F, T, R and M are written on different faces of a dice. Two positions of this dice are shown in the figures below. Find the letter on the face opposite to Z.

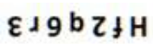
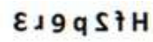
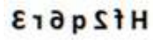


Ans
1. M
2. T
3. R
4. F

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.



Ans
1. 
2. 
3. 
4.

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.)

Ans
1. 12 – 156
2. 21 – 462
3. 14 – 196
4. 17 – 306

Question ID : **630680349004**
Option 1 ID : **6306801358305**
Option 2 ID : **6306801358306**
Option 3 ID : **6306801358307**
Option 4 ID : **6306801358308**
Status : **Answered**
Chosen Option : **3**

Q.16 **Which two numbers (not digits) should be interchanged to make the given equation correct?**
6 × 3 + 8 ÷ 2 + 21 + 5 × 4 – 14 ÷ 7 = 53

Ans
1. 8 and 4
2. 3 and 5
3. 21 and 14
4. 2 and 4

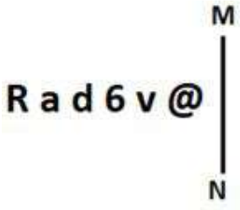
Question ID : **630680319377**
Option 1 ID : **6306801242415**
Option 2 ID : **6306801242414**
Option 3 ID : **6306801242416**
Option 4 ID : **6306801242413**
Status : **Not Answered**
Chosen Option : **--**

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
1. (7, 68)
2. (8, 57)
3. (12, 146)
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 : **--**

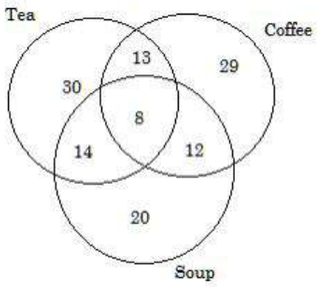
Q.18 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**



Ans
1. ⓡ v ə b ɐ Я
2. ⓡ ʌ ə b a Я
3. ⓡ v ə b ɐ R
4. @ v ə d ɐ Я

Question ID : **630680356666**
Option 1 ID : **6306801388666**
Option 2 ID : **6306801388668**
Option 3 ID : **6306801388665**
Option 4 ID : **6306801388667**
Status : **Answered**
Chosen Option : **1**

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



How many people like tea and coffee both?

Ans

1. 43
2. 13
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**

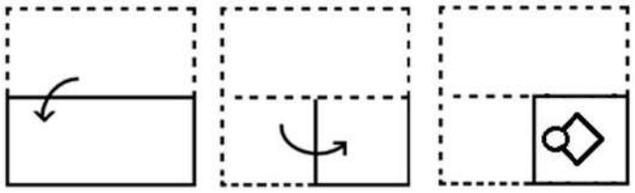
Q.20 **Select the combination of letters that when sequentially placed in the blanks of the given series will logically complete the series.**
ME_ICM_DIC_GDI_MHD_C

Ans

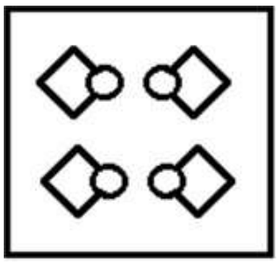
1. DEMAI
2. DFMCI
3. DCFMI
4. DFMBI

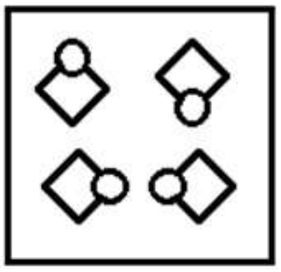
Question ID : **630680216606**
Option 1 ID : **630680840387**
Option 2 ID : **630680840388**
Option 3 ID : **630680840390**
Option 4 ID : **630680840389**
Status : **Answered**
Chosen Option : **4**

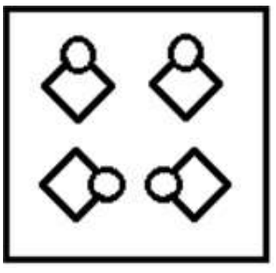
Q.21 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

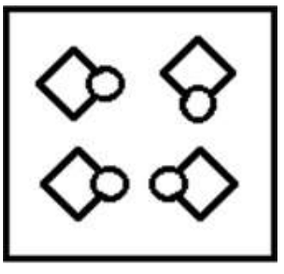


Ans

1. 

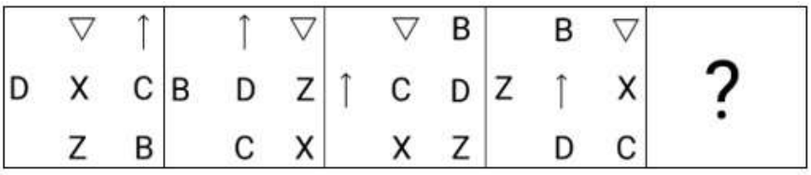
2. 

3. 

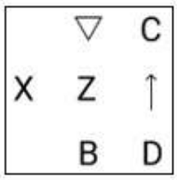
4. 

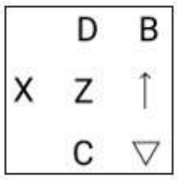
Question ID : **630680105032**
Option 1 ID : **630680408241**
Option 2 ID : **630680408239**
Option 3 ID : **630680408242**
Option 4 ID : **630680408240**
Status : **Answered**
Chosen Option : **1**

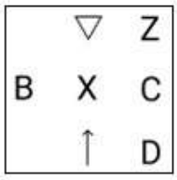
Q.22 Which figure should replace the question mark (?) if the following series were to be continued?

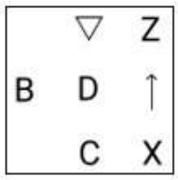


Ans

1. 

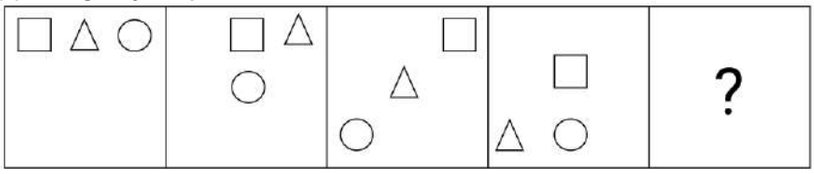
2. 

3. 

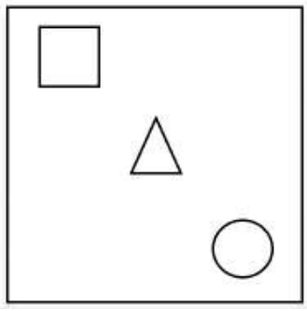
4. 

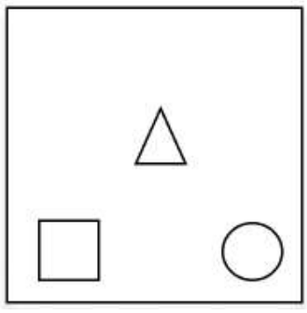
Question ID : **630680214465**
Option 1 ID : **630680831893**
Option 2 ID : **630680831891**
Option 3 ID : **630680831892**
Option 4 ID : **630680831894**
Status : **Answered**
Chosen Option : **2**

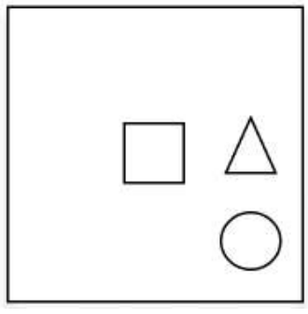
Q.23 **Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.**

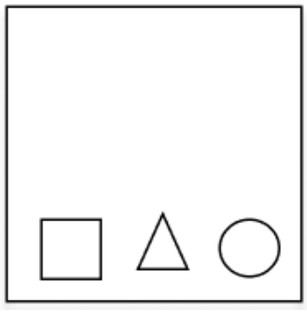


Ans

1. 

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.)**

Ans

1. 340
2. 286
3. 290
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?

Ans

1. W & R ! Y x O ? P
2. W ? R x Y ! O & P
3. W ? R ! Y & O x P
4. W ! R x Y ? O & 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 _____.**

Ans

1. small intestine
2. stomach
3. oesophagus
4. large intestine

Question ID : **630680517183**
Option 1 ID : **6306802021131**
Option 2 ID : **6306802021129**
Option 3 ID : **6306802021128**
Option 4 ID : **6306802021130**
Status : **Answered**
Chosen Option : **4**

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

Ans 1. Mahendra Singh Dhoni

2. Kapil Dev

3. Virat Kohli

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 1. Bhajan

2. Folk music

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

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 1. Discovery of law of elasticity

2. Discovery of electromagnetic induction

3. Discovery of quantum magnetometers

4. Discovery of natural radioactivity

Question ID : **630680302886**
Option 1 ID : **6306801178207**
Option 2 ID : **6306801178206**
Option 3 ID : **6306801178208**
Option 4 ID : **6306801178209**
Status : **Answered**
Chosen Option : **2**

Q.6 **The book 'Poverty and Un-British Rule in India' was written by _____.**

Ans

1. Bipin Chandra Pal
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?**

Ans

1. Jaipur
2. Kolkata
3. Jodhpur
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?**

Ans

1. West Bengal
2. Sikkim
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)?**

Ans

1. 340 grams
2. 390 grams
3. 440 grams
4. 240 grams

Question ID : **63068094193**
Option 1 ID : **630680365468**
Option 2 ID : **630680365469**
Option 3 ID : **630680365470**
Option 4 ID : **630680365467**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Ans

1. Tania Sachdev
2. S Vijayalakshmi
3. Harika Dronavalli
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?**

Ans

1. Robert Boyle
2. Fred Hoyle
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:**

Ans

1. 4.88% and 10.79%
2. 5.88% and 12.79%
3. 6.88% and 11.79%
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**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Ans

1. Chhath
2. Raja Parba
3. Me-Dam-Me-Phi
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

1. Pitt's India Act
2. Age of Consent Act
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 Council	c. 1945
iv. All India Council for Technical Education	d. 1995

Ans

1. i (d), ii (a), iii (b), iv (c)
2. i (c), ii (d), iii (b), iv (a)
3. i (b), ii (d), iii (a), iv (c)
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**
Chosen Option : **2**

Q.16 **The famous santoor player Pandit Shivkumar Sharma received the _____ in the year 1986.**

Ans

1. Sanskriti Award
2. Kalidas Samman
3. Sangeet Natak Akademi Award
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

1. Ravi
2. Shipra
3. Jhelum
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

1. S Jaishankar
2. Vijay Gokhale
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 8^{th} Century CE?**

Ans

1. Dharmapala
2. Gopala
3. Devapala
4. Ramapala

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

Q.20 The ICAR – Sugarcane Breeding Institute is located at:

Ans
1. Cuddalore
2. Coimbatore
3. Tirunelveli
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?

Ans
1. Ravneet Singh
2. Karambir Singh
3. SN Ghormade
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
1. 13
2. 12
3. 11
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
1. Three
2. Four
3. Five
4. Two

Question ID : **630680329454**
Option 1 ID : **6306801281558**
Option 2 ID : **6306801281559**
Option 3 ID : **6306801281560**
Option 4 ID : **6306801281557**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Ans

1. Alfred Russel Wallace
2. Howard Thomas Odum
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?**

Ans

1. Interior of the earth
2. Ocean currents
3. Latitude
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
2. 78
3. 80
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.2

Ans
1. 36.78
2. -39.87
3. 38.56
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
1. 28 cm
2. 25 cm
3. 24 cm
4. 31 cm

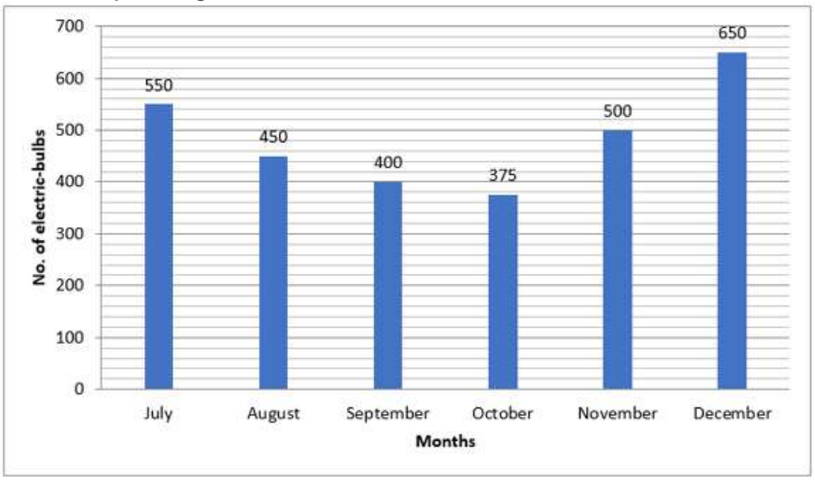
Question ID : **630680406582**
Option 1 ID : **6306801585552**
Option 2 ID : **6306801585551**
Option 3 ID : **6306801585550**
Option 4 ID : **6306801585553**
Status : **Answered**
Chosen Option : **2**

Q.4 If each side of an equilateral triangle is $37\sqrt{3}$ cm, then its altitude (in cm) is equal to

Ans
1. 37.5
2. 18.5
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**
Chosen Option : **4**

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
1. 30.28%
2. 29.82%
3. 31.82%
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**

Q.6 If $\tan A = \frac{1}{\sqrt{10}}$, A is an acute angle, then the value of $\sin A + \operatorname{cosec} A$ is:

Ans
1. $\frac{11}{\sqrt{10}}$
2. $\frac{10}{\sqrt{11}}$
3. $\frac{12}{\sqrt{11}}$
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**
Chosen Option : **--**

Q.7

Ans

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

Ans

1. $468m^2$
2. $253m^2$
3. $552m^2$
4. $625m^2$

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

1. 8 km/h
2. 11 km/h
3. 7 km/h
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**
Chosen Option : **--**

Q.10 **A class of 30 students appeared in a test. The average score of 12 students is 62, and that of the rest is 60. What is the average score of the class?**

Ans

1. 60.8
2. 59.8
3. 58.8
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**

Q.11 **Two pipes A and B can fill a tank in 20 and 30 hours, respectively. Both pipes are opened to fill the tank, but when the tank is one-third full, a leak develops through which one-fourth of the water supplied by both pipes goes out. Find the total time (in hours) taken to fill the tank.**

Ans

1. $11\frac{2}{5}$
2. $14\frac{2}{3}$
3. $12\frac{1}{3}$
4. 14

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

1. 31
2. 20
3. 23
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%
2. 35%
3. 25%
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 ΔPQR, if 4∠P = 5∠Q = 20∠R, then the value of ∠Q is:**

Ans
1. 45°
2. 90°
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
2. 32000
3. 34000
4. 28000

Question ID : **630680428058**
Option 1 ID : **6306801670277**
Option 2 ID : **6306801670278**
Option 3 ID : **6306801670279**
Option 4 ID : **6306801670276**
Status : **Answered**
Chosen Option : **1**

Q.16

Ans
1. 3
2. 0
3. 2
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
1. 6 and 5
2. 3 and 6
3. 4 and 6
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
1. 56.7%
2. 68.2%
3. 62.5%
4. 70.6%

Question ID : **630680428272**
Option 1 ID : **6306801671135**
Option 2 ID : **6306801671133**
Option 3 ID : **6306801671134**
Option 4 ID : **6306801671132**
Status : **Answered**
Chosen Option : **3**

Q.19

Ans

1. 4
2. 6
3. 10
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

1. 30°
2. 45°
3. 60°
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

1. 95.5%
2. 85%
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

1. 495
2. 499
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. $2\sqrt{21}$
2. $2\sqrt{14}$
3. $3\sqrt{21}$
4. $3\sqrt{14}$

Question ID : **630680195539**
Option 1 ID : **630680758626**
Option 2 ID : **630680758628**
Option 3 ID : **630680758625**
Option 4 ID : **630680758627**
Status : **Not Answered**
Chosen Option : **--**

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
1. 26 months
2. 14 months
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 : **--**

Q.25 Find the gain percentage, given that Anubha sold her scooter for ₹31524 gaining $\frac{1}{6}$th of the selling price.

Ans
1. 30%
2. 20%
3. 35%
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 sentence.**
The <u>cynical</u> investors believed in every word the analysts said.

Ans
1. persuasive
2. credible
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.

Ans
1. Suitable
2. Inappropriate
3. Conclusive
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

Ans
1. Active
2. Angry
3. Languid
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
1. QROP
2. RPOQ
3. RQPO
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 a powerful small group that had no concern for the people's welfare.

Ans
1. an oligarchy
2. a monarchy
3. a missionary
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
2. as he had been addicted at
3. as he had been addicted on
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
2. acomodate
3. accomodate
4. accommodatte

Question ID : **630680360093**
Option 1 ID : **6306801402318**
Option 2 ID : **6306801402319**
Option 3 ID : **6306801402317**
Option 4 ID : **6306801402320**
Status : **Answered**
Chosen Option : **3**

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

Ans

1. Children are participating in sand-art competition.
2. I prefer tea to coffee.
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

1. Night
2. Dusk
3. Dawn
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

1. Force
2. Boarding
3. Avoid
4. Amount

Question ID : **630680360817**
Option 1 ID : **6306801405144**
Option 2 ID : **6306801405143**
Option 3 ID : **6306801405141**
Option 4 ID : **6306801405142**
Status : **Answered**
Chosen Option : **1**

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

Ans

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

1. Inspiration
2. Contradict
3. Consolation
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 jaundiced eye but this one has gotten even more scepticism.

Ans

1. Jealousy
2. Good will
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**
Chosen Option : **1**

Q.14 **Select the correct spelling to fill in the blank.**

I often fail to _____ remember someone's name.

Ans

1. acusatively
2. accurately
3. accuratially
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.
2. to pack
3. Mr. Suman
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

1. Gentle
2. Restrained
3. Repulsive
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

1. The cake had been baked by the baker.
2. The cake has been baked by the baker.
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

1. Hanger
2. Shed
3. Hangar
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

1. Malicious
2. Haste
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**
Chosen Option : **1**

Q.20 **Select the most appropriate meaning of the underlined idiom in the following sentence.**
Sejal visits the nearby temple <u>off and on</u>.

Ans
1. Periodically
2. Constantly
3. Regularly
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) _____ 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 : 21

Q.21 **Select the most appropriate answer for blank number 1.**

Ans
1. collect
2. involvement
3. assessment
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.

Ans

1. including
2. manifesting
3. exaggerating
4. segregating

Question ID : **630680147708**
Option 1 ID : **630680571569**
Option 2 ID : **630680571567**
Option 3 ID : **630680571566**
Option 4 ID : **630680571568**
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) _____ 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 : 23

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

Ans

1. contents
2. indices
3. glimpses
4. features

Question ID : **630680147709**
Option 1 ID : **630680571572**
Option 2 ID : **630680571570**
Option 3 ID : **630680571573**
Option 4 ID : **630680571571**
Status : **Answered**
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) _____ 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.

Ans

1. levitated
2. measured
3. escaped
4. triggered

Question ID : **630680147710**
Option 1 ID : **630680571577**
Option 2 ID : **630680571575**
Option 3 ID : **630680571576**
Option 4 ID : **630680571574**
Status : **Answered**
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) _____ 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 : 25

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

Ans

1. accompanied
2. hypnotised
3. neglected
4. predicted

Question ID : **630680147711**
Option 1 ID : **630680571580**
Option 2 ID : **630680571578**
Option 3 ID : **630680571579**
Option 4 ID : **630680571581**
Status : **Answered**
Chosen Option : **3**