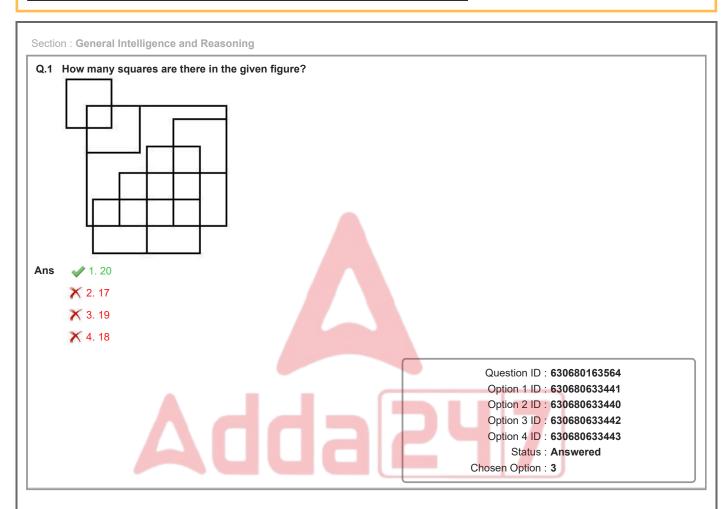




Combined Graduate Level Examination 2024 Tier I

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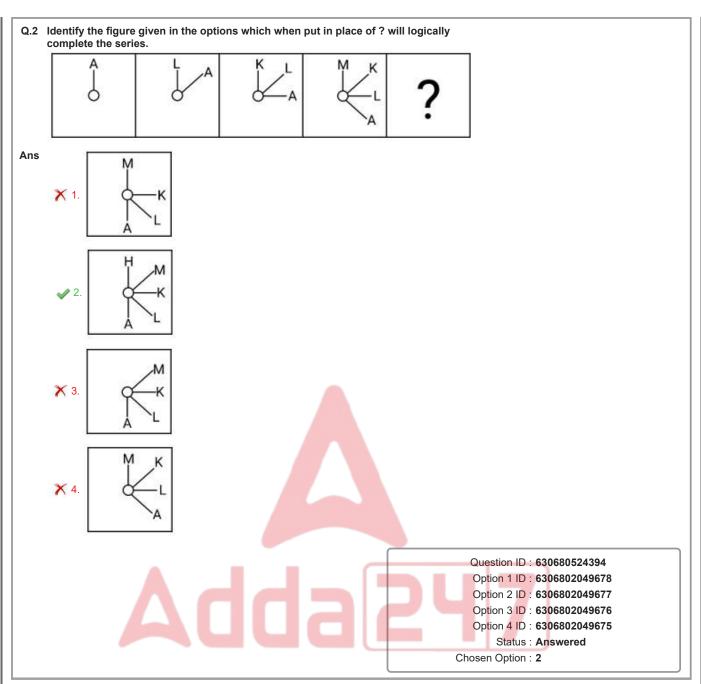




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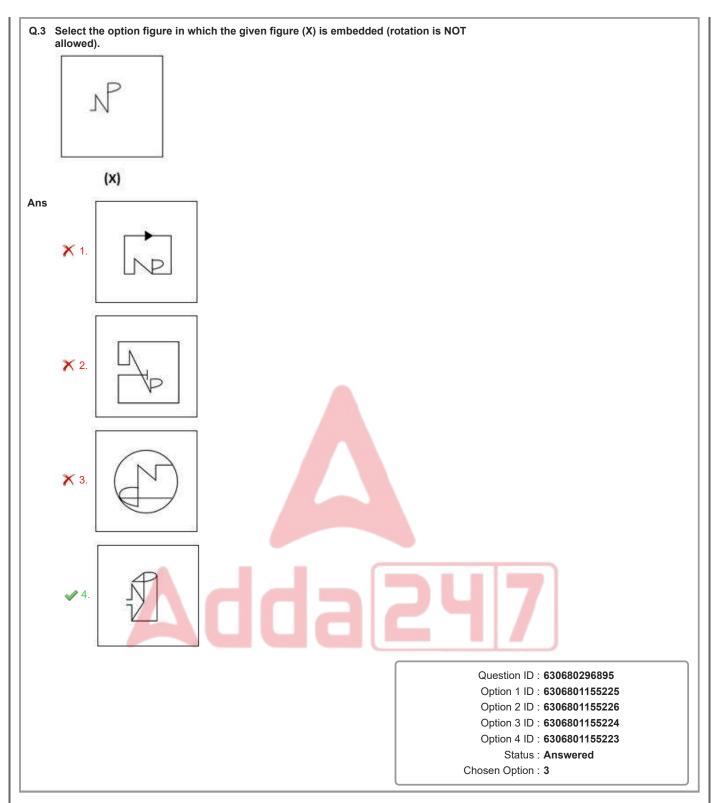






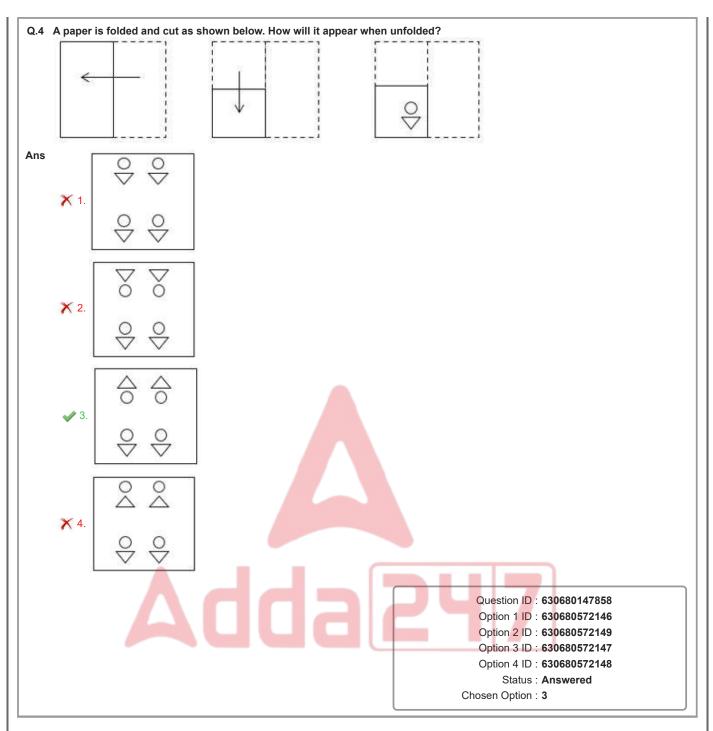
















Q.5 A transparent sheet with a pattern is given in the following figure. Identify from amongst the options as to how the pattern would appear when the transparent sheet is folded at the middle horizontal line. Ans Question ID: 630680287579 Option 1 ID: 6306801118225 Option 2 ID: 6306801118223 Option 3 ID: 6306801118224 Option 4 ID: 6306801118226 Status : Answered Chosen Option: 3 Q.6 'Noise' is related to 'Silence' in the same way as 'Light' is related to '_ X 1. Warmth Ans X 2. Radiant X 3. Brightness 4. Darkness Question ID: 630680416732 Option 1 ID: 6306801625692 Option 2 ID: 6306801625694 Option 3 ID: 6306801625693 Option 4 ID: 6306801625691 Status : Answered Chosen Option: 4





Q.7 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All computers are printers.

Some printers are laptops.

All laptops are mobiles.

Conclusions:

I.Some printers are computers.

II.Some laptops are printers.

III. Some mobiles are laptops.

Ans X 1. Only conclusions II and III follow.

X 2. Only conclusion III follows.

X 3. Only conclusions I and III follow.

4. All the conclusions follow.

Question ID: 630680416520 Option 1 ID: 6306801624844 Option 2 ID: 6306801624845 Option 3 ID: 6306801624843 Option 4 ID: 6306801624846

Status: Answered

Chosen Option: 4

Q.8 In a certain code language, 'TIDE' is coded as '9457' and 'DENT' is coded as '7593'. What is the code for 'N' in that language?

Ans

X 1.5

X 2.9

X 3.7

4. 3



Which of the following terms will replace the question mark (?) in the given series? EQBY, GPDX, ?, KNHV, MMJU

X 1. IPFW

X 2. HOFW

X 3. IOEW

✓ 4. IOFW

Question ID: 630680416897

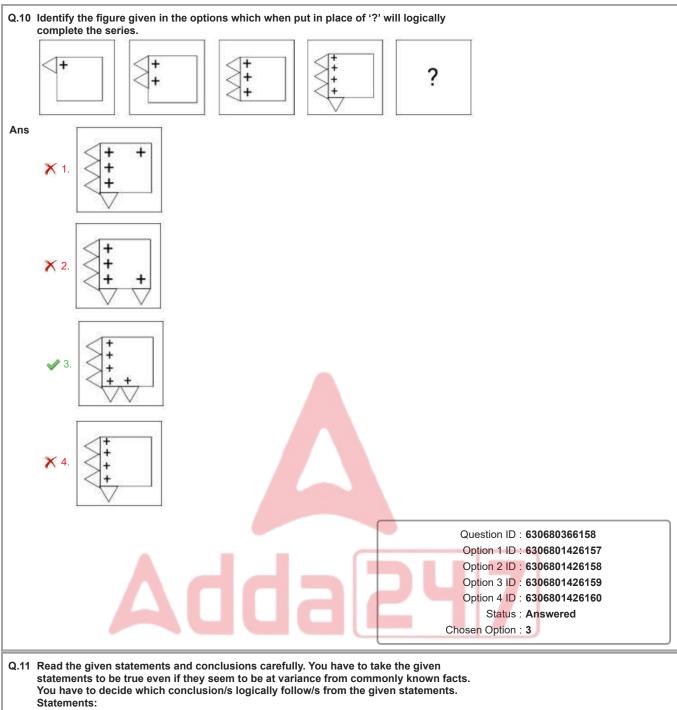
Option 1 ID: 6306801626354 Option 2 ID: 6306801626352

Option 3 ID: 6306801626351 Option 4 ID: 6306801626353

Status: Answered







Some telephones are curtains.

All curtains are lamps.

No lamps is books.

Conclusions:

(I) All lamps are telephones.

(II) No books is lamps.

Ans

√ 1. Only conclusion (II) is follow

X 2. Neither conclusion (I) nor (II) is follow

X 3. Only conclusion (I) is follow

X 4. Both conclusions (I) and (II) are follow

Question ID : **630680392635**Option 1 ID : **6306801530887**

Option 2 ID : **6306801530888**Option 3 ID : **6306801530886**Option 4 ID : **6306801530889**

Status : Answered





Q.12 In a certain code language, 'What you think you become' is written as 'Fe Mo Su Ta Za' and 'What you think you achieve' is written as 'Mo Su Te Fe Za'. How will 'achieve' be written in that language?

Ans

X 1. Mo

X 2. Fe

X 3. Za

√ 4. Te

Question ID: 630680339167

Option 1 ID: 6306801319237 Option 2 ID: 6306801319239 Option 3 ID: 6306801319238 Option 4 ID: 6306801319240

Status: Answered

Chosen Option: 4

Q.13 Select the option that represents the letters that when placed from left to right in the blanks below will complete the given letter series.

 $\texttt{MN-OJKM-QOJK-NQ_JKMNQO_KMN}$

Ans

💢 1. QMNJO

X 2. QNJMO

X 4. QNMJO

Question ID: 630680416263

Option 1 ID: 6306801623815 Option 2 ID: 6306801623816

Option 3 ID: 6306801623818

Option 4 ID: 6306801623817 Status : Answered

Chosen Option: 3

Q.14 34 is related to 191 by certain logic. Following the same logic, 56 is related to 301. To which of the following is 63 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

X 2. 386

3. 336

X 4. 319

Question ID: 630680326551

Option 1 ID: 6306801270289

Option 2 ID: 6306801270292

Option 3 ID: 6306801270290

Option 4 ID: 6306801270291

Status: Not Answered





Q.15 In a certain code language,

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

'A - B' means 'A is the brother of B'; 'A × B' means 'A is the wife of B' and

'A ÷ B' means 'A is the father of B'.

Based on the above, how is 5 related to 2 if '5 \div 1 × 3 \div 4 – 2'?

Ans

X 1. Mother's mother

X 2. Father's father

3. Mother's father

X 4. Father's mother

Question ID: 630680300376 Option 1 ID: 6306801168406 Option 2 ID: 6306801168403 Option 3 ID: 6306801168404 Option 4 ID: 6306801168405

Status : **Answered** Chosen Option : **2**

Q.16 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.

Ans

X 1. LPN

√ 2. GIK

X 3. HLJ

X 4. BFD

Question ID : 63068083231

Option 1 ID: 630680322787

Option 2 ID : **630680322786** Option 3 ID : **630680322784**

Option 4 ID : 630680322785

Status : Answered

Chosen Option: 2

Q.17 27 is related to 119 following a certain logic. Following the same logic, 33 is related to 143. To which of the following is 42 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. 162

X 2. 153

3. 179

X 4. 188

Question ID: 630680326610

Option 1 ID: 6306801270525

Option 2 ID : **6306801270526**

Option 3 ID : **6306801270528** Option 4 ID : **6306801270527**

Status : Answered





Q.18 Select the number that will come in the place of the question mark(?), if '+' and ' - ' are interchanged and 'x' and '÷' are interchanged

 $31 \div 3 - 186 \times 6 + 17 = ?$

Ans

1. 107

X 2. 96

X 3. 118

X 4. 103

Question ID: 630680163580

Option 1 ID : 630680633506 Option 2 ID : 630680633504 Option 3 ID : 630680633507 Option 4 ID : 630680633505

Status: Answered

Chosen Option : 1

Q.19 The same operation(s) are followed in all the given number pairs except one. Find that odd number pair.

(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. 40 : 52

X 2. 45 : 54

X 3. 35 : 42

X 4. 55 : 66

Question ID: 630680412040

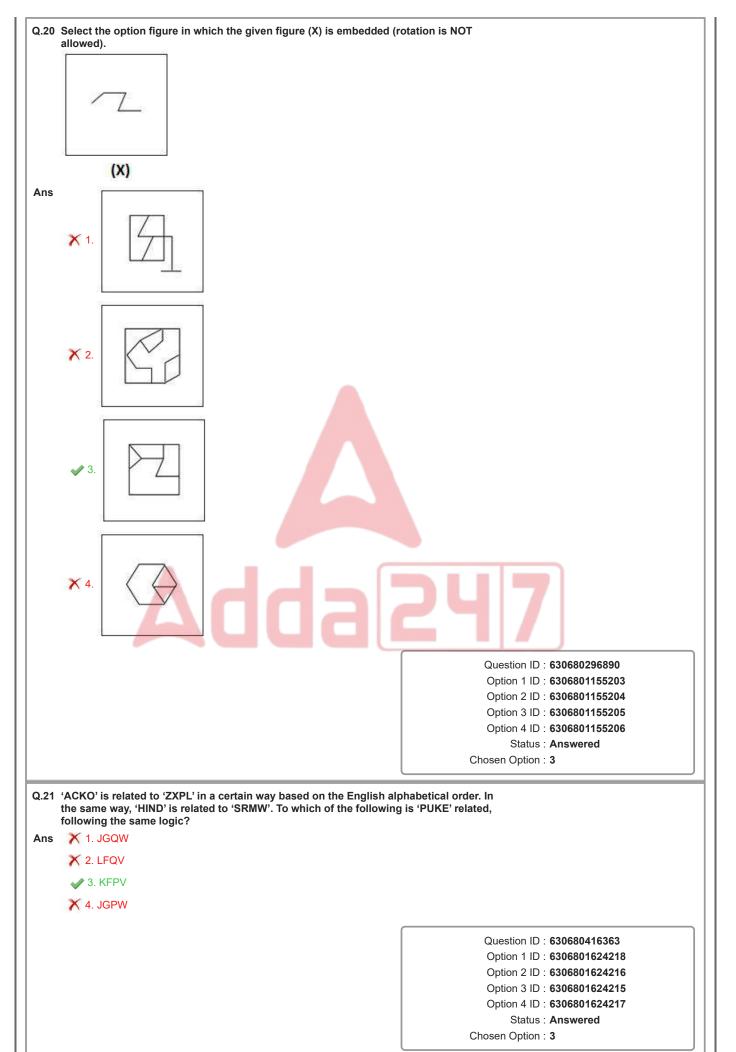
Option 1 ID: **6306801606998** Option 2 ID: **6306801606996** Option 3 ID: **6306801606995**

Option 4 ID: 6306801606997

Status : Answered











Q.22 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

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

8:79 6:51

Ans X 1.7:62

X 2.4:32

3. 9 : 96

X 4.5:39

Question ID: 630680326559 Option 1 ID: 6306801270322 Option 2 ID: 6306801270323

Option 3 ID : **6306801270324** Option 4 ID : **6306801270321**

Status : Answered

Chosen Option: 4

Q.23 Each of the letters in the word 'LASTING' is arranged in the English alphabetical order. How many letters are there in the English alphabetical series between the letter which is second from the left end and the one which is fourth from the right end in the new letter-cluster thus formed?

Ans

X 1. Five

X 2. Six

3. Four

X 4. Three

Question ID: 630680327768

Option 1 ID: 6306801275063

Option 2 ID: 6306801275064 Option 3 ID: 6306801275062

Option 4 ID: 6306801275061

Status : Not Answered

Chosen Option: --

Q.24 Select the number from among the given options that can replace the question mark (?) in the following series. 949, 1006, 1066, 1129, 1195, ?

X 2. 1233

X 3. 1254

X 4. 1244

Question ID: 630680411891

Option 1 ID : 6306801606401

Option 2 ID : **6306801606402**

Option 3 ID : **6306801606400** Option 4 ID : **6306801606399**

Status : Answered





Q.25 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

 $63 \times 9 + 21 - 4 \div 5 = ?$

Ans

X 1. 5

✓ 2. 6 **×** 3. 4

X 4. 7

Question ID: 630680327969

Option 1 ID : **6306801275846** Option 2 ID : **6306801275847** Option 3 ID : **6306801275845**

Option 4 ID : **6306801275848** Status : **Answered**

Chosen Option : 1

Section: General Awareness

Q.1 Which of the following articles from Directive Principles of state policy mentions about organization of Village Panchayats?

Ans

✓ 1. Article 40

X 2. Article 36

X 3. Article 42

X 4. Article 38

Question ID: 630680329452
Option 1 ID: 6306801281551
Option 2 ID: 6306801281549
Option 3 ID: 6306801281552
Option 4 ID: 6306801281550

Status: Not Answered

Chosen Option: --

Q.2 Who among the following sports persons is designated as brand ambassador for Nikshay Mitra, an initiative under Pradhan Mantri TB Mukt Bharat Abhiyaan by Ministry of Health and Family welfare of GOI in November 2022?

Ans

1. Deepa Malik

X 2. Abhinav Bindra

X 3. Pullela Gopichand

X 4. Mary Kom

Question ID : **630680413024**

Option 1 ID: 6306801610922 Option 2 ID: 6306801610920 Option 3 ID: 6306801610919 Option 4 ID: 6306801610921

Status : Not Answered





 ${\bf Q.3} \quad {\bf Which \ of \ the \ following \ was \ the \ mascot \ of \ the \ Khelo \ India \ University \ Games \ 2022?}$

Ans

X 1. Moga

X 2. Bheema

3. Jitu

X 4. Saavaj

Question ID: 630680510801
Option 1 ID: 6306801996337
Option 2 ID: 6306801996335
Option 3 ID: 6306801996334
Option 4 ID: 6306801996336
Status: Not Answered

Chosen Option : --

- Q.4 Which of the following statements about the aims of National Mission for Sustainable Agriculture (NMSA) of India is/are correct?
 - 1.To make agriculture more productive.
 - 2.To make agriculture more sustainable.
 - 3.To promote organic farming.

Ans

X 1. Only 1 is correct.

2. Only 2 and 3 are correct.

X 3. Only 1 and 2 are correct.

Question ID : 630680117306 Option 1 ID : 630680454510 Option 2 ID : 630680454513 Option 3 ID : 630680454511 Option 4 ID : 630680454512 Status : Not Answered

Chosen Option : --

Q.5 On 29th October 2020, the Ministry of Science and Technology launched the SERB-POWER Scheme. What is the objective of the scheme?

Ans X 1. To strengthen the solar programme of India with France

2. To mitigate gender disparity in science and engineering research funding in various academic programmes and laboratories

X 3. To allow reservation for women in the Parliament and Judiciary

X 4. To allow reservation for women in the Ministry of Science and Technology

Question ID: 630680100089
Option 1 ID: 630680389053
Option 2 ID: 630680389055
Option 3 ID: 630680389054
Option 4 ID: 630680389052

Status: Not Answered





Q.6 Samata Sainik Dal was formed in 1927 by whom among the following personalities?

Ans X 1. Savitribai Phule

X 2. Mahatma Gandhi

X 3. Narayana Guru

4. BR Ambedkar

Question ID : **630680412321**Option 1 ID : **6306801608109**Option 2 ID : **6306801608108**Option 3 ID : **6306801608110**

Option 4 ID : **6306801608107**

Status : **Not Answered**Chosen Option : --

Q.7 Which of the following is NOT a halogen gas?

Ans

X 1. CI

✓ 2. He

X 3. Br

X 4. F

Question ID : 630680102240 Option 1 ID : 630680397245 Option 2 ID : 630680397243 Option 3 ID : 630680397246 Option 4 ID : 630680397244

Status : Answered

Chosen Option: 4

Q.8 The chemical formula of glucose is $C_6H_{12}O_6$. The weight % of carbon in glucose is:

Ans

X 1.53

X 2. 25

X 3. 72

4. 40

Adda 247

Question ID: 630680517114

Option 1 ID: 6306802020852

Option 2 ID: 6306802020855

Option 3 ID: 6306802020854

Option 4 ID: 6306802020853

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

Q.9 Deimachus who was a Greek ambassador came to India during the reign of the Mauryan king, ______.

Ans

X 1. Shatadhanvan

X 2. Ashoka

X 3. Chandragupta Maurya

4. Bindusara

Question ID : **630680412485** Option 1 ID : **6306801608766**

Option 2 ID : **6306801608765**Option 3 ID : **6306801608763**Option 4 ID : **6306801608764**

Status : Not Answered





Q.10 Which of the following countries has the highest Hindu population after India?

Ans

X 1. Sri Lanka

X 2. Bhutan

X 3. Myanmar

4. Nepal

Question ID: 630680409673
Option 1 ID: 6306801597522
Option 2 ID: 6306801597523
Option 3 ID: 6306801597524
Option 4 ID: 6306801597521

Status: Not Answered

Chosen Option : --

Q.11 Indira PP Bora is a Padma Shri Awardee 2020 for her contribution to which Indian classical dance?

Ans

X 1. Bharatanatyam

X 2. Kathak

X 3. Kuchipudi

4. Sattriya

Question ID: 630680409340
Option 1 ID: 6306801596192
Option 2 ID: 6306801596191
Option 3 ID: 6306801596190
Option 4 ID: 6306801596189

Status : **Answered** Chosen Option : **4**

Q.12 Which article of the Constitution of India lays down that it shall be the duty of the Advocate-General to give advice to the Government of the State upon legal matters?

Ans

X 1. Article 168

X 2. Article 167

3. Article 1664. Article 165

Question ID : 630680302225

Option 1 ID: 6306801175577 Option 2 ID: 6306801175576 Option 3 ID: 6306801175575 Option 4 ID: 6306801175574

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

Q.13 Which of the following peninsular rivers falls into the Arabian Sea?

Ans

X 1. Mahanadi river

2. Krishna river

3. Sabarmati river

X 4. Godavari river

Question ID: 630680401709

Option 1 ID : **6306801566612** Option 2 ID : **6306801566611** Option 3 ID : **6306801566613**

Option 4 ID : **6306801566610** Status : **Answered**





Q.14 Follow On is related to which of the following cricket formats?

Ans

✓ 1. Only Test Matches

X 2. Both test and One-day matches

X 3. Only One Day matches

X 4. Only T20 matches

Question ID: 630680510767 Option 1 ID: 6306801996199 Option 2 ID: 6306801996201

Option 3 ID : **6306801996198** Option 4 ID : **6306801996200**

Status: Not Answered

Chosen Option: --

Q.15 Who among the following rulers built five astronomical observatories at different places in north India?

Ans

X 1. Madho Singh

X 2. Maharana Pratap

X 3. Sawai Mansingh

Question ID: 630680511547

Option 1 ID: 6306801999313 Option 2 ID: 6306801999311 Option 3 ID: 6306801999310 Option 4 ID: 6306801999312

Status: Not Answered

Chosen Option: --

Q.16 Which of the following festivals is celebrated in Madhya Pradesh?

Ans

X 1. Thaipusam Festival

X 2. Bihu Festival

X 3. Jaisalmer Desert Festival

4. Khajuraho Dance Festival

Question ID : **630680160213**

Option 1 ID : **630680620225** Option 2 ID : **630680620226** Option 3 ID : **630680620226**

Option 3 ID : **630680620224** Option 4 ID : **630680620227** Status : **Answered**

Chosen Option : 1

Q.17 In the ancient temple of Mahadev at Mahabaleshwar, the spout emerging from the mouth of a cow statue is the source of which river basin?

Ans

X 1. Kaveri

X 2. Godavari

💢 3. Narmada

4. Krishna

Question ID: 630680305516

Option 1 ID : **6306801188439** Option 2 ID : **6306801188440** Option 3 ID : **6306801188438**

Option 4 ID : **6306801188437** Status : **Answered**





Q.18 Which is a serious contagious bacterial infection that usually affects the mucous membranes of the nose and throat?

Ans 💜 1. Diphtheria

X 2. Meningococcal

X 3. Shigellosis

X 4. Chlamydia

Question ID: 630680407468
Option 1 ID: 6306801588812
Option 2 ID: 6306801588811
Option 3 ID: 6306801588813
Option 4 ID: 6306801588810
Status: Not Answered

Chosen Option: --

Q.19 Who among the following is a Sarod player popularly known as 'Sarod Samrat'?

Ans 🧳 1. Ustad Amjad Ali Khan Bangash

X 2. Pandit Kishan Maharaj

X 3. Pandit Shivkumar Sharma

X 4. Pandit Ravi Shankar

Question ID: 630680560775
Option 1 ID: 6306802192083
Option 2 ID: 6306802192080
Option 3 ID: 6306802192082
Option 4 ID: 6306802192081
Status: Answered

Chosen Option: 1

Q.20 What was a significant negative environmental impact of the Green Revolution?

Ans X 1. Ozone layer depletion

X 2. Increase in air pollution

X 3. Deforestation

✓ 4. Soil degradation

Question ID: 630680411106 Option 1 ID: 6306801603179 Option 2 ID: 6306801603178 Option 3 ID: 6306801603176 Option 4 ID: 6306801603177

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

Q.21 What is subtracted from GDP to arrive at NDP?

Ans X 1. Net indirect taxes

X 2. Subsidies

3. Depreciation

X 4. Net factor income from abroad

Question ID: 630680103675
Option 1 ID: 630680402931
Option 2 ID: 630680402934
Option 3 ID: 630680402932
Option 4 ID: 630680402933

Status: Answered





Q.22 The Maharashtra Bhushan was conferred upon ______ in the year 2002.

Ans X 1. Pandit Ravi Shankar

X 2. Pandit Jasraj

X 3. Pandit Hari Prasad Chaurasia

4. Pandit Bhimsen Joshi

Question ID: 6306801048035
Option 1 ID: 6306804114187
Option 2 ID: 6306804114188
Option 3 ID: 6306804114186
Option 4 ID: 6306804114189
Status: Not Answered

Chosen Option : --

Q.23 What is the tenure of office for the Chief Election Commissioner?

Ans X 1. 5 years or up to the age of 60 years

X 2. 6 years or up to the age of 60 years

3. 6 years or up to the age of 65 years

X 4. 5 years or up to the age of 65 years

Question ID: 630680413119
Option 1 ID: 6306801611302
Option 2 ID: 6306801611300
Option 3 ID: 6306801611301
Option 4 ID: 6306801611299
Status: Answered

Chosen Option: 4

Q.24 Which of the following animals was the emblem of the Chola dynasty?

Ans X 1. Horse

X 2. Wolf

X 3. Elephant

4. Tiger

Question ID: 630680412284

Option 1 ID: 6306801607962

Option 2 ID: 6306801607961

Option 3 ID: 6306801607960

Option 4 ID: 6306801607959

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

Q.25 Which of the following does NOT belong to the category of Porifera?

Ans X 1. Spongilla

2. Hydra

X 3. Euplectella

X 4. Sycon

Question ID: 630680517147 Option 1 ID: 6306802020987 Option 2 ID: 6306802020985 Option 3 ID: 6306802020984 Option 4 ID: 6306802020986

Status : Answered

Chosen Option : 2

Section : Quantitative Aptitude





Q.1 Find the least value of x for which 57x716 is divisible by 9.

Ans

X 1. 8

X 2.9

X 3. 0

4. 1

Question ID: 630680108682 Option 1 ID: 630680421658 Option 2 ID: 630680421657 Option 3 ID: 630680421659

Option 4 ID : **630680421656** Status : **Answered**

Chosen Option : 4

Q.2 AB and CD are two parallel chords drawn in a circle with centre O. The distance between the two chords is 21 cm. If the lengths of AB and CD are 24 cm and 18 cm, respectively, then the radius of the circle is equal to:

Ans

√ 1. 15 cm

X 2. 18 cm

X 3. 24 cm

X 4. 20 cm

Question ID: 630680357967

Option 1 ID: 6306801393857 Option 2 ID: 6306801393858 Option 3 ID: 6306801393860 Option 4 ID: 6306801393859

Status : Not Answered Chosen Option : --

Q.3 For what value of k, the system of equations 4x + 12y + 36 = 0 and 5x + ky + 45 = 0 has an infinite number of solutions?

Ans

X 1. 22

X 2. 20

X 3. 25

4. 15

Question ID: 630680198891

Option 1 ID: 630680771293

Option 2 ID : **630680771292** Option 3 ID : **630680771294**

Option 4 ID : **630680771291** Status : **Not Answered**





Q.4 M and N are, respectively, the centres of two circles of radii 12 cm and 8 cm. QR is the common tangent to the circles. If MN = 16 cm, then what will be the length of QR?

Ans $\times 1.5\sqrt{17}$ cm

 $\times 2.3\sqrt{19}$ cm

 \times 3.6 $\sqrt{8}$ cm

 \checkmark 4. 4√15 cm

Question ID: 630680403939

Option 1 ID : **6306801575243** Option 2 ID : **6306801575245**

Option 3 ID : **6306801575244** Option 4 ID : **6306801575242**

Status : Not Answered

Chosen Option: --

Q.5 The table shows the production of different types of bikes (in thousands).

Years	2015	2016	2017	2018
Bikes				
A	157	194	271	290
В	138	225	146	206
С	255	227	213	239
D	196	304	162	224

The number of years, in which the production of bikes of type C is less than the average production of type A bikes over the years is

Ans

Question ID: 630680523806

Option 1 ID : **6306802047377** Option 2 ID : **6306802047375** Option 3 ID : **6306802047376**

Option 4 ID : **6306802047378**Status : **Not Answered**

Chosen Option : --

Q.6 If $a = x\cos\theta + y\sin\theta$ and $b = x\sin\theta - y\cos\theta$, then $a^2 + b^2$ is equal to:

Ans $\sqrt{1} \cdot x^2 + y^2$

$$\times$$
 3. $x^2 - y^2$

Question ID: 630680397684

Option 1 ID : 6306801550662

Option 2 ID: 6306801550663

Option 3 ID: 6306801550661

Option 4 ID: 6306801550664

Status: Not Answered



Q.7 Simplify the following.

(5 -
$$\frac{15}{16}$$
) × 1 $\frac{12}{13}$

Ans × 1. 7 $\frac{11}{16}$
× 2. 5 $\frac{13}{16}$
× 3. 5 $\frac{11}{16}$

4. 7 $\frac{13}{16}$

$$\times$$
 1. $7\frac{11}{16}$

$$\times$$
 2. 5 $\frac{13}{16}$

$$\times$$
 3. 5 $\frac{11}{16}$

$$\checkmark$$
 4. $7\frac{13}{16}$

Question ID: 630680399204

Option 1 ID: 6306801556764 Option 2 ID: 6306801556766 Option 3 ID: 6306801556765 Option 4 ID: 6306801556763

Status : Not Answered Chosen Option: --

Q.8 Study the following table and answer the question that follows.

Expenditures of a Company (in Lakh Rupees) Per Annum over Different Heads in the **Given Years**

37		Item of	Expend	diture	
Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2010	310	98	3.84	23.4	83
2011	324	112	3.68	32.5	108
2012	338	101	3.00	41.6	74
2013	346	133	2.52	36.4	88
2014	410	142	3.96	49.4	98

The total amount of bonus paid by the company during the given period is approximately what percentage of the total amount of salary paid during this period? (Rounded off to the nearest integer.)

Ans

X 1. 1.5%

2. 1%

X 3. 2.5%

X 4. 2%

Question ID : 630680386865

Option 1 ID: 6306801508173 Option 2 ID: 6306801508170

Option 3 ID: 6306801508172 Option 4 ID: 6306801508171

Status: Not Answered





Q.9 If the height and diameter of a cylinder are 12 cm and 28 cm, respectively, then find the ratio of the total surface area to the curved surface area.

Ans 1. 13 : 6

X 2. 10 : 3

X 3. 13 : 5

X 4. 11 : 6

Question ID: 630680421534
Option 1 ID: 6306801644602
Option 2 ID: 6306801644599
Option 3 ID: 6306801644600
Option 4 ID: 6306801644601
Status: Not Answered

Chosen Option: --

Q.10 In a company, the ratio of men and women is 5 : 3, respectively. When 150 additional women are employed in the company, the ratio becomes 5 : 4. How many men are employed in the company?

Ans X 1. 850

2. 750

X 3. 550

X 4. 950

Question ID : **630680524267** Option 1 ID : **6306802049219**

Option 2 ID : **6306802049222**

Option 3 ID : **6306802049221** Option 4 ID : **6306802049220**

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

Q.11 In right-angled triangle ABC, ∠C=90, CM is perpendicular on AB. If AB = 18 cm and BM = 6 cm, then find the length of CM.

Ans

X 1. 2√2 cm

2. 6√2 cm

X 3. 7√2 cmX 4. 4√2 cm

Question ID : 630680401742

Option 1 ID: 6306801566734

Option 2 ID : **6306801566736**

Option 3 ID : **6306801566737** Option 4 ID : **6306801566735**

Status : Answered





Q.12 A motorboat takes 18 hours to go downstream, and it takes 36 hours to return the same distance. Find the ratio of the speed of the boat in still water to the speed of the stream.

Ans

X 1.3:2

2.3:1

X 3.2:1

X 4.2:3

Question ID: 630680428504

Option 1 ID: 6306801672063 Option 2 ID: 6306801672062 Option 3 ID: 6306801672061 Option 4 ID: 6306801672060

Status: Answered

Chosen Option: 3

Q.13 In a rhombus PQRS, O is any interior point such that OP = OR. What is the degree measure of ∠SOQ?

Ans

X 1. 240°

X 2. 120°

√ 3. 180°

X 4. 200°

Question ID : 630680379339

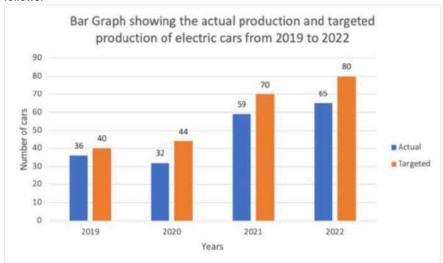
Option 1 ID: 6306801478402 Option 2 ID: 6306801478400 Option 3 ID: 6306801478399 Option 4 ID: 6306801478401

Status : Answered





Q.14 The given bar graph shows the actual production and targeted production of electric cars from 2019 to 2022. Study the given bar graph and answer the question that follows.



What is the ratio of the total targeted production of cars in2021 and2022 tothe actual production of cars from 2019 to 2022 taken together?

Ans

X 1. 25 : 36

X 2. 36 : 25

3. 25 : 32

X 4. 32 : 25

Question ID : **630680421289** Option 1 ID : **6306801643634**

Option 2 ID : **6306801643633** Option 3 ID : **6306801643632**

Option 4 ID : **6306801643631**

Status : Answered

Chosen Option: 3

If $\sin A + \cos A = \frac{1}{2\sqrt{2}}$, then find the value of $\sin^4 A + \cos^4 A$.

Ans

 \times 1. $\frac{5}{13}$

√ 2. $\frac{79}{129}$

 \times 3. $\frac{79}{120}$

X 4. -

Question ID: 630680526458

Option 1 ID : **6306802057900** Option 2 ID : **6306802057899**

Option 3 ID : **6306802057898** Option 4 ID : **6306802057901**

Status: Not Answered





Q.16 If $8a^3 + b^3 + 27c^3 = 18$ abc, then the relation among a, b and c is:

Ans X 1. b + 3c = 2a

 \checkmark 2. b + 3c = −2a

X 3. 2a + 3c = b

 \times 4. 2a + b = 3c

Question ID: 630680413514

Option 1 ID: 6306801612883

Option 2 ID: 6306801612882

Option 3 ID: 6306801612881

Option 4 ID : **6306801612880**

Status: Not Answered

Chosen Option: --

Q.17

Find the value of $\left[\frac{4\cos(90-\theta)\sin^3(90+\theta)-4\sin(90+\theta)\cos^3(90-\theta)}{\cos\left(\frac{180+8\theta}{2}\right)}\right]$

X 2. 1

X 3. 2

X 4. 0

Question ID: 630680358058

Option 1 ID: 6306801394221

Option 2 ID : 6306801394223

Option 3 ID : **6306801394224** Option 4 ID : **6306801394222**

Status : Not Answered

Chosen Option: --

Q.18 An article passing through two hands is sold at a total profit of 40% of the original cost price. If the first dealer makes a profit of 30%, then the profit percentage made by the second dealer is:

Ans

× 1. $7\frac{1}{13}\%$

√ 2. 7 ⁹/₁₃ %

 \times 3. $6\frac{3}{13}\%$

× 4. 8 $\frac{6}{13}$ %

Question ID : 630680429012

Option 1 ID : 6306801674093

Option 2 ID: 6306801674095

Option 3 ID : **6306801674092** Option 4 ID : **6306801674094**

Status: Answered



Q.19 If $a^3 + 3a^2 + 3a = 7$, then the value of $a^2 + 2a$ is:

Ans X 1.4

X 2. 2

3. 3

X 4. 1

Question ID: 630680413517 Option 1 ID: 6306801612895 Option 2 ID: 6306801612893 Option 3 ID: 6306801612892 Option 4 ID: 6306801612894

Status: Not Answered

Chosen Option: --

Q.20 A group of 30 students appeared in a test. The average score of 12 students is 62, and that of the rest is 76. What is the average score of the group?

Ans X 1. 71.4

2. 70.4

X 3. 69.4

X 4. 68.4

Question ID: 630680566263
Option 1 ID: 6306802214042
Option 2 ID: 6306802214040
Option 3 ID: 6306802214041
Option 4 ID: 6306802214043

Status: Not Answered

Chosen Option : --

What is the rate of interest per annum for simple interest at which ₹1,040 amounts to ₹1,230 in $1\frac{1}{2}$ years?

Ans

 \times 1. $11\frac{7}{39}\%$

 \times 2. $13\frac{7}{39}\%$

√ 3. 12 ⁷/₃₉ %

 \times 4. $10\frac{7}{39}\%$

Question ID: 630680358023

Option 1 ID: 6306801394081 Option 2 ID: 6306801394084

Option 3 ID : **6306801394083** Option 4 ID : **6306801394082**

Status : Not Answered





Q.22 Two candidates contested in an election. 80% of the voters cast their votes, out of which 5% of the polled votes were invalid. The winning candidate got 70% of valid votes and won by a majority of 36,480 votes. Find the total number of voters.

Ans X 1. 1,18,000

X 2. 1,15,000

3. 1,20,000

X 4. 1,25,000

Question ID : **630680419648** Option 1 ID : **6306801637090**

Option 2 ID : **6306801637089** Option 3 ID : **6306801637088** Option 4 ID : **6306801637087**

Status: Not Answered

Chosen Option: --

Q.23 The following table shows the categorisation of 100 students based on their marks in Physics and Chemistry in an examination.

]	Marks out of 50		
Subject	40 and above	30 and above	20 and above	10 and above	0 and above
Physics	9	32	80	92	100
Chemistry	4	21	66	81	100

If a minimum of 40% marks in Chemistry is required to pursue higher studies in Chemistry, how many students will be eligible to pursue higher studies in Chemistry?

Ans

X 1. 25

× 2. 21 × 3. 45

4. 66

Question ID : 630680523693

Option 1 ID: 6306802046926 Option 2 ID: 6306802046925 Option 3 ID: 6306802046924 Option 4 ID: 6306802046923

Status : **Answered**

Chosen Option: 1

Q.24 A shopkeeper allows 40% discount on his goods. He further gives 20% discount. What is the single discount equivalent to these two successive discounts?

Ans

X 1. 50%

X 2.60%

X 3. 62%

4. 52%

Question ID: 630680182422

Option 1 ID : **630680706874** Option 2 ID : **630680706876** Option 3 ID : **630680706875**

Option 4 ID: 630680706877

Status : Answered



Q.25 A cistern can be filled by two pipes in 8 minutes and 10 minutes, separately. Both the pipes are opened together for a certain time, but due to an obstruction, only 5/8 of the full quantity of water flowed through the former pipe and 3/5 through the latter pipe. However, the obstruction was suddenly removed, and the cistern was filled in 3 minutes from that moment. How long did it take before the full flow began?

Ans

- \times 1. $3\frac{1}{16}$ minutes
- \times 2. $9\frac{6}{7}$ minutes
- \checkmark 3. $2\frac{6}{17}$ minutes
- \times 4. $2\frac{30}{37}$ minutes

Question ID : 630680384349 Option 1 ID : 6306801498283 Option 2 ID : 6306801498284

Option 3 ID : 6306801498282 Option 4 ID : 6306801498285 Status : Not Answered

Chosen Option : --

Section: English Comprehension

Q.1 Select the most appropriate meaning of the following idiom.

To bring to light

Ans X 1. To disengage

X 2. To engage in conversation

3. To disclose

X 4. To lighten

Question ID: 630680360829
Option 1 ID: 6306801405191
Option 2 ID: 6306801405190
Option 3 ID: 6306801405192
Option 4 ID: 6306801405189
Status: Answered

Chosen Option: 3

Q.2 Select the most appropriate ANTONYM of the underlined word. We should plan our actions <u>judiciously</u> before going to war.

Ans

- X 1. Irrelevant
- X 2. Irreverent
- X 3. Irritatingly
- 4. Irrational

Question ID : 630680360079

Option 1 ID : **6306801402261** Option 2 ID : **6306801402262**

Option 3 ID : **6306801402264**

Option 4 ID : **6306801402263** Status : **Answered**





Q.3 The following sentence has been split into four segments. Identify the segment that contains an error.

The principal gave up / the prizes to / the winners on / Republic Day.

Ans X

X 1. the prizes to

X 2. the winners on

X 3. Republic Day

✓ 4. The principal gave up

Question ID : 630680512935

Option 1 ID : **6306802004687** Option 2 ID : **6306802004688**

Option 3 ID : **6306802004689** Option 4 ID : **6306802004686**

Status : Answered

Chosen Option: 4

Q.4 Select the option that can be used as a one-word substitute for the underlined group of words in the following sentence.

Almost immediately, they heard the high shrill piercing cry of tires on the side road.

Ans

X 1. beseech

2. screech

X 3. creche

X 4. bleach

Question ID: 630680310038

Option 1 ID: 6306801206298

Option 2 ID: 6306801206300

Option 3 ID: 6306801206297

Option 4 ID: 6306801206299

Status : Not Answered

Chosen Option : --

Q.5 Select the most appropriate ANTONYM of the given word. Synthetic

Ans

1. Natural

X 2. Processed

X 3. Artificial

X 4. Imitation

Question ID: 630680517355

Option 1 ID: 6306802021818

Option 2 ID: 6306802021819

Option 3 ID : **6306802021817** Option 4 ID : **6306802021816**

Status : Answered





Q.6 Select the most appropriate ANTONYM of the underlined word in the sentence given below.

I <u>refuse</u> to let anything come in the way of my dreams.

Ans

1. permit

X 2. repress

X 3. accord

X 4. balk

Question ID : 630680319132

Option 1 ID: 6306801241433 Option 2 ID: 6306801241434 Option 3 ID: 6306801241435 Option 4 ID: 6306801241436

Status: Answered

Chosen Option: 1

Q.7 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. It was as simple as announcing what you have in your store or the services you

offer in your premises.

B. Over the years, advertising has evolved into a major industry that goes beyond informing to persuading and influencing.

C. Advertising was initially meant to make people aware of the goods available in the

D. It is a form of brainwashing consumers.

Ans

X 1. DABC

2. CABD

X 3. BADC

X 4. ADBC

Question ID: 630680160907

Option 1 ID : **630680622995** Option 2 ID : **630680622993**

Option 3 ID : 630680622992

Option 4 ID: 630680622994

Status: Answered Chosen Option: 2

Q.8 Select the most appropriate ANTONYM of the given word.

Attack

Ans 🥪

1. Defence

X 2. Ambush

X 3. Engagement

X 4. Production

Question ID : 630680517373

Option 1 ID : **6306802021888** Option 2 ID : **6306802021889**

Option 2 ID . 6306602021869

Option 3 ID : 6306802021891

Option 4 ID: 6306802021890

Status : Answered





Q.9 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence. P) willing to go Q) is not R) my son S) camping X 1. QRSP X 2. SPRQ X 3. PQRS Question ID: 630680377246 Option 1 ID: 6306801470048 Option 2 ID: 6306801470050 Option 3 ID: 6306801470047 Option 4 ID: 6306801470049 Status: Answered Chosen Option: 4 Q.10 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence. (a) false news websites (b) spreading propaganda about politics (c) thrive because the advertisements and politicians (d) and social networking sites (e) make a lot of money Ans X 1. adecb X 2. aedcb 3. adcbe X 4. aecbd Question ID: 630680374313 Option 1 ID: 6306801458445 Option 2 ID: 6306801458446 Option 3 ID: 6306801458444 Option 4 ID: 6306801458443 Status: Answered Chosen Option: 1 Q.11 Select the option that expresses the given sentence in passive voice. They have built a new bridge across the river. Ans 1. A new bridge by them has been built across the river. 2. A new bridge has built across the river by them. 3. The river has been built a new bridge by them. ✓ 4. A new bridge has been built across the river by them. Question ID: 630680415211 Option 1 ID: 6306801619591 Option 2 ID: 6306801619594 Option 3 ID: 6306801619593 Option 4 ID: 6306801619592 Status: Answered





Q.12 Select the most appropriate option to substitute the underlined segment in the given Experts acknowledged that some counterfeiting of document techniques are virtually impossible to detect. X 1. frenzy 2. forgery X 3. fiasco X 4. impromptu Question ID: 630680170442 Option 1 ID: 630680660363 Option 2 ID: 630680660362 Option 3 ID: 630680660364 Option 4 ID: 630680660361 Status: Answered Chosen Option: 2 Q.13 Select the correct spelling to fill in the blank. The thought of eating half-cooked food under compulsion fills me with _____. Ans ✓ 1. repugnance X 2. ripugnance X 3. repugnence X 4. repegnance Question ID: 630680409976 Option 1 ID: 6306801598733 Option 2 ID: 6306801598736 Option 3 ID: 6306801598735 Option 4 ID: 6306801598734 Status: Not Answered Chosen Option: --Q.14 Select the most appropriate ANTONYM of the word in the brackets to fill in the blank. _vegetables for the salad. [stale] The chef requires _ Ans X 1. green X 2. cut X 3. leafy 4. fresh Question ID : 630680132563 Option 1 ID: 630680513387 Option 2 ID: 630680513388 Option 3 ID: 630680513386 Option 4 ID: 630680513389 Status: Answered Chosen Option: 4





Q.15 Select the option that expresses the given sentence in passive voice.

They are building a new hospital in the city.

Ans X 1. A new hospital will be built in the city by them.

X 2. A new hospital was built in the city by them.

3. A new hospital is being built in the city by them.

X 4. A new hospital has been built in the city by them.

Question ID: 630680415203
Option 1 ID: 6306801619562
Option 2 ID: 6306801619561
Option 3 ID: 6306801619560
Option 4 ID: 6306801619559
Status: Answered

Chosen Option: 3

Q.16 Select the most appropriate option to substitute the underlined part of the given sentence. If there is no need to substitute it, select 'No substitution'.

As the rulers of the planet, humans like to think that it is the largest creatures that will emerge victorious from the struggle for survival.

Ans X 1. No substitution

X 2. it is the most large creatures

X 3. they are a largest creature

Question ID: 630680200027 Option 1 ID: 630680775535 Option 2 ID: 630680775533 Option 3 ID: 630680775532 Option 4 ID: 630680775534

Status : **Answered** Chosen Option : **4**

Q.17 Select the correct meaning of the underlined idiom in the following sentence.

Rina <u>pulled a long face</u> since her husband had not bought her a diamond necklace on their anniversary.

Ans X 1. To be ecstatic

X 2. To be euphoric

X 3. To be electrified

Question ID : **630680102548**Option 1 ID : **630680398455**Option 2 ID : **630680398457**

Option 3 ID : **630680398458** Option 4 ID : **630680398456** Status : **Answered**





Q.18 Select the sentence that has a grammatical error.

✓ 1. Indian force are known for their loyalty and integrity.

2. It is said that Joseph was not ready to go to war.

3. It is impossible to wake Christine up in the morning.

¥ 4. Karl Marx was a renowned social scientist.

Question ID: 630680205364 Option 1 ID: 630680796304 Option 2 ID: 630680796303 Option 3 ID: 630680796306 Option 4 ID: 630680796305 Status: Answered

Chosen Option: 3

Q.19 Select the most appropriate homophone to fill in the blank.

The ointment will help to _____ the wound.

Ans X 1. kneel

X 2. he'll

X 4. heel

Question ID: 630680129726

Option 1 ID: 630680502511 Option 2 ID: 630680502513 Option 3 ID: 630680502512

Option 4 ID: 630680502510 Status: Answered

Chosen Option: 3

 $\ensuremath{\mathsf{Q.20}}$ Select the INCORRECTLY spelt word from the given sentence .

The resturant offers a wide variety of dishes.

Ans

X 1. dishes

X 2. variety

3. resturant X 4. offers

Question ID: 630680374416

Option 1 ID: 6306801458850

Option 2 ID: 6306801458849

Option 3 ID: 6306801458847

Option 4 ID: 6306801458848

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 adverse (1) of climate change and environmental degradation are increasingly driving human mobility the world over, particularly in countries with high exposure and low (2) capacity. While most climate-related mobility currently occurs within countries, desperation and deteriorating environments can also compel people to seek a livelihood elsewhere through (3) migration. While climate change negatively impacts everyone, everywhere, those already in vulnerable situations due to geography, poverty, gender, age, disability, origin, or other status, including migrant women who (4) climate-sensitive livelihoods, and children who are less able to survive extreme weather events, are at the greatest risk of suffering harm. It is (5) to recognise this reality and take meaningful action to protect the human rights of those most affected by climate change, including migrants.
	SubQuestion No : 21
Q.21	Select the most appropriate option to fill in blank number 1.
Ans	X 1. affects
	✓ 2. effects
	X 3. renounce
	X 4. practice
	Question ID Option 1 ID

Question ID : 630680158853
Option 1 ID : 630680614884
Option 2 ID : 630680614885
Option 3 ID : 630680614886
Option 4 ID : 630680614887
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. of climate change and environmental degradation are The adverse (1)_ increasingly driving human mobility the world over, particularly in countries with high exposure and low (2)_ capacity. While most climate-related mobility currently occurs within countries, desperation and deteriorating environments can also compel people to seek a livelihood elsewhere through (3)_ _ migration. While climate change negatively impacts everyone, everywhere, those already in vulnerable situations due to geography, poverty, gender, age, disability, origin, or other status, including migrant women who _ climate-sensitive livelihoods, and children who are less able to survive extreme weather events, are at the greatest risk of suffering harm. It is (5)_ recognise this reality and take meaningful action to protect the human rights of those most affected by climate change, including migrants.

SubQuestion No: 22

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

Ans

1. adaptive

X 2. affective

X 3. adoptive

X 4. minimum

Question ID : **630680158854** Option 1 ID : **630680614888**

Option 2 ID : **630680614890** Option 3 ID : **630680614889** Option 4 ID : **630680614891**

Status : Answered





comprenension:		

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 adverse (1)______ of climate change and environmental degradation are increasingly driving human mobility the world over, particularly in countries with high exposure and low (2)_____ capacity. While most climate-related mobility currently occurs within countries, desperation and deteriorating environments can also compel people to seek a livelihood elsewhere through (3)______ migration. While climate change negatively impacts everyone, everywhere, those already in vulnerable situations due to geography, poverty, gender, age, disability, origin, or other status, including migrant women who (4)_____ climate-sensitive livelihoods, and children who are less able to survive extreme weather events, are at the greatest risk of suffering harm. It is (5)_____ to recognise this reality and take meaningful action to protect the human rights of those most

SubQuestion No: 23

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

affected by climate change, including migrants.

Λnc

X 1. fast

2. irregular

X 3. regard

X 4. fixate

Question ID: 630680158855 Option 1 ID: 630680614895 Option 2 ID: 630680614894 Option 3 ID: 630680614893

Option 4 ID : **630680614892** 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 adverse (1) _____ of climate change and environmental degradation are increasingly driving human mobility the world over, particularly in countries with high exposure and low (2) ____ capacity. While most climate-related mobility currently occurs within countries, desperation and deteriorating environments can also compel people to seek a livelihood elsewhere through (3) ____ migration. While climate change negatively impacts everyone, everywhere, those already in vulnerable situations due to geography, poverty, gender, age, disability, origin, or other status, including migrant women who (4) ____ climate-sensitive livelihoods, and children who are less able to survive extreme weather events, are at the greatest risk of suffering harm. It is (5) ____ to recognise this reality and take meaningful action to protect the human rights of those most affected by climate change, including migrants.

SubQuestion No : 24

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

Ans

1. depend from

2. depend on

X 3. depend at

X 4. depend in

Question ID: 630680158856

Option 1 ID : 630680614898

Option 2 ID : **630680614897** Option 3 ID : **630680614899**

Option 4 ID: 630680614896

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 adverse (1)______ of climate change and environmental degradation are increasingly driving human mobility the world over, particularly in countries with high exposure and low (2)_____ capacity. While most climate-related mobility currently occurs within countries, desperation and deteriorating environments can also compel people to seek a livelihood elsewhere through (3)_____ migration. While climate change negatively impacts everyone, everywhere, those already in vulnerable situations due to geography, poverty, gender, age, disability, origin, or other status, including migrant women who (4)____ climate-sensitive livelihoods, and children who are less able to survive extreme weather events, are at the greatest risk of suffering harm. It is (5)_____ to

recognise this reality and take meaningful action to protect the human rights of those most

SubQuestion No: 25

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

affected by climate change, including migrants.

Ans

X 1. optional

2. imperative

X 3. resistant

X 4. secondary

Question ID: 630680158857 Option 1 ID: 630680614902 Option 2 ID: 630680614903 Option 3 ID: 630680614900 Option 4 ID: 630680614901

Status : Not Answered

