Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	
Exam Time	
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 What should come in place of the question mark (?) to complete the following letter cluster series?

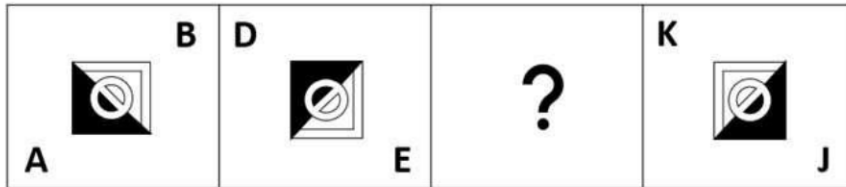FHG, IKJ, LNM, ?

Ans ✗ 1. QOP

✗ 2. OPQ

✔ 3. OQP

✗ 4. PRQ

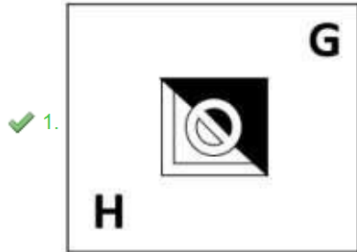Question ID : 26 3066002

Status : **Answered**

Chosen Option : **3**

Q.2 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.3 After arranging the given words according to dictionary order, which word will come at 'Fifth' position?
1. Version
2. Versus
3. Versicolour
4. Verse
5. Verso

Ans ✘ 1. Verso

✔ 2. Versus

✘ 3. Version

✘ 4. Verse

Q.4 Select the correct combination of mathematical signs to sequentially replace the *
signs and to balance the given equation.

23 * 2 * 2 * 5 * 18

Ans ✔ 1. −, ÷, ×, =

✘ 2. −, ÷, +, =

✘ 3. −, ÷, =, +

✘ 4. −, ×, ÷, =

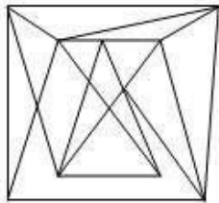**Q.5** Select the option in which the given figure is embedded (rotation is NOT allowed).
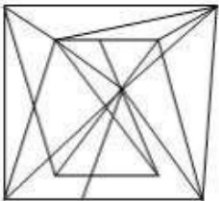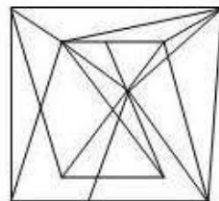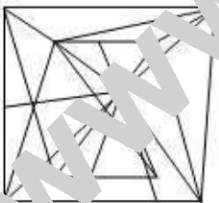
Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.6 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.

EACH : AEHC :: GAME : AGEM :: IDOL : ?

Ans ✖ 1. OLDI

✔ 2. DILO

✖ 3. IDLO

✖ 4. DIOL

Question ID : 26433068507
Status : **Answered**
Chosen Option : **2**

Q.7 Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

Ans ✖ 1. ANHS

✖ 2. JEQJ

✔ 3. JPRT

✖ 4. PYWD

Question ID : 26433081503
Status : **Answered**
Chosen Option : **3**

Q.8 By interchanging the given two signs and numbers which of the following equation will be correct?

× and +, 6 and 4

Ans ✖ 1. 3 × 9 − 4 ÷ 2 + 6 = 8

✖ 2. 8 × 6 + 4 ÷ 2 − 5 = −5

✖ 3. 8 − 3 × 6 + 4 ÷ 1 = 18

✔ 4. 7 × 6 − 4 + 9 ÷ 3 = −7

Question ID : 264330105138
Status : **Answered**
Chosen Option : **4**

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the given set.

(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.)

(26, 120, 34)
(14, 110, 41)

Ans ✔ 1. (36, 130, 17)

✖ 2. (72, 240, 6)

✖ 3. (44, 114, 24)

✖ 4. (15, 450, 8)

Question ID : 26433068385
Status : **Answered**
Chosen Option : **1**

Q.10 In a certain code language, 'LAPTOP' is written as 'JYNRMN' and 'COLD' is written as 'AMJB', how will 'SKETCHPEN' be written in that language?

Ans

  ✘ 1. RJDSBHODM

  ✘ 2. QICRBHODM

  ✔ 3. QICRAFNCL

  ✘ 4. RJDSAFNCL

Q.11 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. All pencil are pen.
II. Some pen are rubber.
Conclusion:
I. All rubber are pencil.
II. Some pen are not pencil.
III. Some rubber are not pen.

Ans ✔ 1. Neither conclusion

follows

  ✘ 2. Only conclusion II follows

  ✘ 3. Both conclusions I and III follows

  ✘ 4. All conclusion follows

Q.12 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

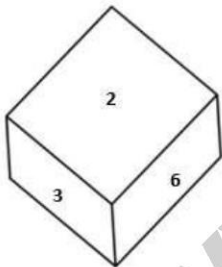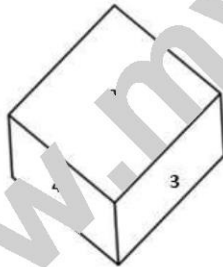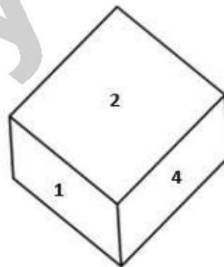Figure 1   Figure 2   Figure 3

Ans ✘ 1. 5

  ✘ 2. 2

  ✔ 3. 1

  ✘ 4. 6

Q.13 Which number will replace the question mark (?) in the following series?
26, 54, 110, 222, ?, 894

Ans   ✔ 1. 446

     ✘ 2. 442

     ✘ 3. 440

     ✘ 4. 444

Question ID : 26433067592
Status : **Answered**
Chosen Option : **1**

Q.14 If X – Y means that X is the mother of Y, X × Y means that X is the father of Y, X ÷ Y means that X is the sister of Y, then which of the following expression shows that Q is the son of P?

Ans   ✘ 1. P – Q ÷ R

     ✔ 2. P – Q × R

     ✘ 3. Q – P × R

     ✘ 4. R × Q – P

Question ID : 26330104973
Status : **Answered**
Chosen Option : **2**

Q.15 A # B means 'A is the brother of B'
A @ B means 'A is the daughter of B'
A & B means 'A is the husband of B'
A % B means 'A is the wife of B'
If G % M # L @ P & C @ B, then how is L related to B?

Ans   ✘ 1. Daughter

     ✔ 2. Granddaughter

     ✘ 3. Sister

     ✘ 4. Daughter-in-law

Question ID : 26433065958
Status : **Answered**
Chosen Option : **2**

Q.16 In a certain code language, 'INNER' is written as 'SNNWJ' and 'GLASS' is written as 'UPAII'. How will 'MODEL' be written in that language?

Ans   ✘ 1. OMXVP

     ✔ 2. OMXWP

     ✘ 3. OMWW.

     ✘ 4. OMXW

Question ID : 26433067327
Status : **Not Answered**
Chosen Option : **--**

Q.17 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

30 : 48 :: 60 : ? :: 45 : 72

Ans   ✓ 1. 96

     ✗ 2. 92

     ✗ 3. 90

     ✗ 4. 88

Question ID : 26433067899
Status : Marked For Review
Chosen Option : 1

Q.18 उसायु   कचयम क लिज, जठोठिक उससीभंत कविि   पण करतौ, ेनोसंबंत बिद गछ़ुस-यम   म भ्राभा 4 दौ

(शच्वव कोभमवण शच्वव क   प म मकन आवन जाविखिी श का अ बवक क०%व। वजनवव की संल्वव4खं कीस०%व के हत्वारपव4संबंधित नौी ोेनजाबिी लिपिषिि व

Ans   ✗ 1. कड्ग्वाम ठि

     ✗ 2. एकात : लिव रत

     ✗ 3. आमन : उथ्स

     ✓ 4. लघ्ु : छोटि

Question ID : 26433068418
Status : Answered
Chosen Option : 4

Q.19 Select the odd group 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 /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. 13 – 159

     ✗ 2. 9 – 71

     ✓ 3. 5 – 31

     ✗ 4. 17 – 279

Question ID : 264330105087
Status : Answered
Chosen Option : 3

Q.20 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(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)
(8, 12, 6)
(9, 18, 8)

Ans   ✗ 1. (4, 12, 6)

     ✓ 2. (12, 24, 8)

     ✗ 3. (7, 24, 4)

     ✗ 4. (9, 10, 11)

Question ID : 26433079119
Status : Answered
Chosen Option : 2

Q.21 Which of the following interchange of numbers and mathematical signs would make the given equation correct?

$72 \div 8 \times 9 - 36 + 20 = 80$

Ans   ✗   1. 20 and 80, × and +

      ✗   2. 9 and 36, × and ÷

      ✗   3. 36 and 72, ÷ and −

      ✔   4. 8 and 9, + and −

Q.22 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

TQT, ZSB, FUJ, LWR, ?

Ans   ✔   1. RYZ

      ✗   2. RMZ

      ✗   3. RYA

      ✗   4. RNZ

Q.23 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:
No student is a teacher.
All students are children.
Some girls are students.
Conclusions:
I. Some children are not teachers.
II. Some girls are not teachers.
III. No girl is a teacher.

Ans   ✔   1. Only conclusions I and II follow

      ✗   2. All conclusions follow

      ✗   3. Only conclusions II and III follow

      ✗   4. Only conclusions I and III follow

Q.24 Select the option figure that is embedded in the given figure. (Rotation is not allowed).
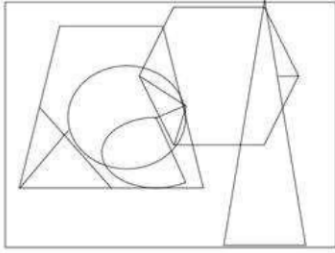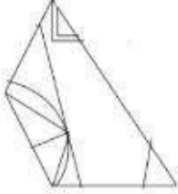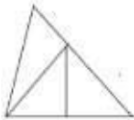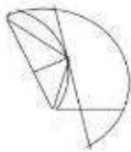
Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.

Q.25 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

B L O T	L B T O	C V 8 =	V C = 8	
△ □ Z ↑	↑ △ □ Z	△ ↑ Z □	□ △ ↑ Z	**?**
8 = C V	V C = 8	B L O T	T O L B	

Ans

✔ 1.
O	T	B	L
△	□	Z	↑
C	V	8	=

✘ 2.
T	O	L	B
V	C	=	8
□	△	↑	Z

✘ 3.
C	V	B	L
△	□	Z	↑
O	T	8	=

✘ 4.
O	T	8	=
△	□	Z	↑
C	V	B	L

Question ID : 26433085802
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 How many types of tax were in the reign of the ruler Alauddin Khalji?

Ans ✔ 1. 3

✘ 2. 5

✘ 3. 6

✘ 4. 2

Question ID : 264330105428
Status : **Answered**
Chosen Option : **2**

Q.2 The bare ground between plants is covered with a layer of organic matter in order to retain soil moisture. This method is called_____.

Ans ✔ 1. Mulching

✗ 2. Rock dam

✗ 3. Shelter belts

✗ 4. Contour barriers

Question ID : 264330105610
Status : **Not Answered**
Chosen Option : --

Q.3 In which of the following years was the Fit India Movement launched by Ministry of Youth Affairs and Sports, GoI?

Ans ✗ 1. 2018

✗ 2. 2001

✗ 3. 2020

✔ 4. 2019

Question ID : 264 3059382
Status : nswered
Chosen Option : 3

Q.4 Husk of a coconut is made of_____tissue.

Ans ✗ 1. Collenchyma

✗ 2. Xylem

✔ 3. Scherenchyma

✗ 4. Parenchyma

Question ID : 264330105455
Status : **Not Answered**
Chosen Option : --

Q.5 Which of the following options is NOT correct about plant cells?

Ans ✗ 1. Cell wall of a plant cell is made up of cellulose.

✔ 2. The plant cells cannot divide by mitosis.

✗ 3. A plant cell usually contains a large vacuole.

✗ 4. Generally, all plant cells contain chloroplast.

Question ID : 26433071442
Status : **Not Answered**
Chosen Option : --

Q.6 The Government of India started DACE scheme in April 2022. This scheme was launched under which of the following ministries?

Ans ✔ 1. Ministry of Social Justice and Empowerment

✗ 2. Ministry of Corporate Affairs

✗ 3. Ministry of Rural Development

✗ 4. Ministry of Education

Question ID : 264330105299
Status : **Not Answered**
Chosen Option : --

Q.7 Whose birthday is celebrated as International Day of Non-Violence?

Ans   ✗ 1. Rajendra Prasad

     ✗ 2. Subhash Chandra Bose

     ✗ 3. Jawaharlal Nehru

     ✓ 4. Mahatma Gandhi

> Question ID : **26433074083**
> Status : **Answered**
> Chosen Option : **4**

Q.8 बि बिलित ह हमिबि सा़रकात॰ रत॰सो॰सीन॰ कौथिम "त॰द क॰ोबदल॰काबनए॰ोम द॰बिनयम द॰ेतन॰ा चौतो है?

Ans   ✗ 1. लि॰बिप च॰ 5 प॰ल

     ✗ 2. म॰हे द ऋ॰ीलि ल

     ✗ 3. स॰5न॰ऋ़नज

     ✓ 4. महालग॰थ॰ी

> Question ID : 26433035295
> Status : Answered
> Chosen Option : **3**

Q.9 In which year was Kalidas Samman established?

Ans   ✗ 1. 1978

     ✗ 2. 1975

     ✗ 3. 1984

     ✓ 4. 1980

> Question ID : **26433082151**
> Status : **Answered**
> Chosen Option : **3**

Q.10 Who among the following has won Oscars as well as Golden Globe award for his contribution to international music?

Ans   ✗ 1. Pt. Jasraj

     ✓ 2. A.R.Rahman

     ✗ 3. Ravi Shankar

     ✗ 4. Zakir Hussain

> Question ID : **26433064784**
> Status : **Answered**
> Chosen Option : **2**

Q.11 Asia is separated from Europe by_____mountains.

Ans   ✗ 1. Himalayan

     ✗ 2. Andes Mountains

     ✗ 3. Alps

     ✓ 4. Ural

> Question ID : **264330105619**
> Status : **Answered**
> Chosen Option : **4**

Q.12 Which of the following states have the highest literacy rate, according to census 2011?

Ans   ✗ 1. Lakshadweep

    ✗ 2. Goa

    ✗ 3. Mizoram

    ✔ 4. Kerala

Question ID : 264330105512
Status : **Answered**
Chosen Option : **4**

Q.13 The system based on individual leadership is a_____system.

Ans   ✗ 1. semi-parliamentary

    ✗ 2. parliamentary

    ✔ 3. presidential

    ✗ 4. semi-presidential

Question ID : 26433064837
Status : Answered
Chosen Option : 3

Q.14 Which of the following rivers is NOT included in the 'Panchnad'?

Ans   ✗ 1. The Beas

    ✗ 2. The Sutlej

    ✔ 3. The Indus

    ✗ 4. The Ravi

Question ID : 26433066513
Status : **Not Answered**
Chosen Option : **--**

Q.15 The final of the French Open (Roland Garros) Tennis 2021 for men took place on which day?

Ans   ✔ 1. 13 June

    ✗ 2. 30 July

    ✗ 3. 13 July

    ✗ 4. 5 June

Question ID : 26433070837
Status : **Not Answered**
Chosen Option : **--**

Q.16 Union Minister of Petroleum & Natural Gas Hardeep Singh Puri inaugurated Asia's largest Compressed Bio Gas (CBG) plant in_____.

Ans   ✗ 1. Gujarat

    ✗ 2. Rajasthan

    ✔ 3. Punjab

    ✗ 4. Maharashtra

Question ID : 264330105253
Status : **Answered**
Chosen Option : **2**

Q.17 Identify the correct statement with respect to unsaturated hydrocarbons.

Ans ✗ 1. Compounds of carbon having a single bond between their carbon atoms are calledunsaturated compounds.

✔ 2. Compounds of carbon having double bonds or triple bonds between their carbonatoms are called unsaturated compounds.

✗ 3. Compounds of carbon having single bonds between their oxygen atoms are calledunsaturated compounds.

✗ 4. Compounds of carbon having double or triple bonds between their hydrogen atomsare called unsaturated compounds.

Question ID : **26433086741**
Status : **Answered**
Chosen Option : **1**

Q.18 Some important administrative posts were hereditary during the Rashtrakuta and Chola dynasties. The post 'nagara-shreshthi' meant?

Ans ✗ 1. Leader of the merchant caravans

✔ 2. Merchant of the city

✗ 3. Important minister

✗ 4. Chief judicial officer

Question ID : **264330105199**
Status : **Answered**
Chosen Option : **2**

Q.19 Which of the following is added in the national income to obtain personal income of the households?

Ans ✗ 1. Net interest payments

✔ 2. Transfer payments from government and firms

✗ 3. Undistributed profits

✗ 4. Corporate tax

Question ID : **264330105363**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who conducted X-ray spectroscopic study of a large number of elements and showed that the frequency of X-rays emitted by an element is related to the atomic number, Z, rather than the atomic mass?

Ans ✗ 1. Lothar Meyer

✗ 2. Dmitri Mendeleev

✔ 3. Henry Moseley

✗ 4. Johann Dobereiner

Question ID : **26433064082**
Status : **Answered**
Chosen Option : **3**

Q.21 Which Five-Year Plan in India was mainly focussed on Garibi Hatao, creation of employment opportunities and agricultural production amongst other objectives?

Ans ✔ 1. Fifth

✗ 2. Fourth

✗ 3. Third

✗ 4. Second

Question ID : **26433064511**
Status : **Answered**
Chosen Option : **4**

Q.22 लतासेवा का दोषात4 कषतिकमन-बा ? Ans ✗

1. शेश, लिसवरिलिरो

✔ 2. सनात,4तता

✗ 3. 4तारत,लिसवरिलिरो

✗ 4. समत,सभाग

Q.23 In March 2022, the "Stree Manoraksha project" was launched by which of the following Union Minister?

Ans ✗ 1. Union Minister for Education

✔ 2. Union Minister for Women and Child Development

✗ 3. Union Minister for Law and Justice

✗ 4. Union Minister for Health and Family Welfare

Q.24 Jata-Jatin is the folk dance of which Indian state?

Ans ✗ 1. Manipur

✗ 2. Odisha

✔ 3. Bihar

✗ 4. West Bengal

Q.25 Mughal ruler, Aurangzeb died in which year?

Ans ✗ 1. 1703

✗ 2. 1705

✔ 3. 1707

✗ 4. 1701

Section : Quantitative Aptitude

Q.1 In an equilateral triangle ABC, D is the midpoint of side BC. If the length of BC is 8 cm, then the height of the triangle is:

Ans ✗ 1. 5.5 cm

✗ 2. 4.5 cm

✗ 3. $6\sqrt{3}$ cm

✔ 4. $4\sqrt{3}$ cm

Q.2 A thief steals a bike at 12:30p.m. and drives it at 48km/h. But the theft is discovered after half an hour. The bike owner starts to chase him on another bike at 58km/h. The thief will be caught at_____.

Ans ✗ 1. 3:40p.m.

✗ 2. 3:54p.m.

✗ 3. 3:10p.m.

✔ 4. 3:24p.m.

Question ID : 26433091936
Status : **Answered**
Chosen Option : **4**

Q.3 If △ ABC~△ FDE such that AB = 9 cm, AC = 11 cm, DF = 16 cm and DE = 12 cm, then the length of BC is:

Ans ✗ 1. $5\frac{3}{4}$ cm

2. $4\frac{3}{5}$ cm

3. $3\frac{5}{7}$ cm

4. $6\frac{3}{4}$ cm

Question ID : 26433080231
Status : **Answered**
Chosen Option : **4**

Q.4 The radii of two cylinders are in the ratio 1 : 4 and their heights are in the ratio 4 : 3. Their volumes will be in the ratio_____.

Ans ✔ 1. 1 : 12

✗ 2. 2 : 9

✗ 3. 3 : 10

✗ 4. 1 : 9

Question ID : 26433063975
Status : **Answered**
Chosen Option : **1**

Q.5 If $x + \frac{1}{x} = 2$, then $x^3 + \frac{1}{x^3} = ?$

Ans ✗ 1. 2 cos 2

✗ 2. cos θ

✔ 3. 2 cos 3θ

✗ 4. cos 2θ

Question ID : 26433058938
Status : **Answered**
Chosen Option : **3**

Q.6 A and B can do a certain work in 6 hours, and A, B and C together take 4 hours to do the same. How long will it take for C alone to accomplish the task?
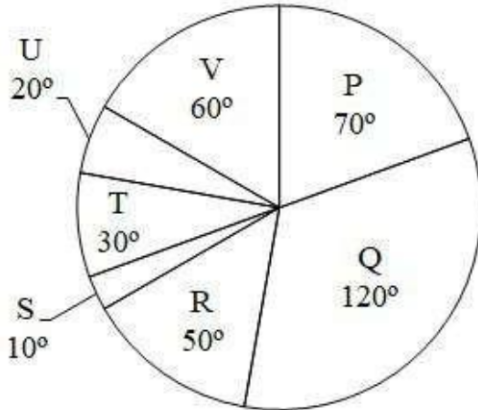
Ans   ✔ 1. 12 hours

   ✘ 2. 4 hours

   ✘ 3. 2 hours

   ✘ 4. 6 hours

Q.7 The pie chart given below shows the expenditure incurred by a person on 7 articles. The total expenditure of all these 7 articles are 3600. Expenditure incurred on a particular article is shown in terms of degree with respect to the total expenditure incurred in all these 7 articles.

What is the average expenditure incurred on article P and Q?

Ans   ✘ 1. 875

   ✘ 2. 905

   ✘ 3. 885

   ✔ 4. 950

Q.8 $\sin^4\theta + \cos^4\theta$ in ter... $\sin\theta$ can be written as:

Ans   ✘ 1. $2\sin^4\theta + 2\sin^2\theta - 1$

   2. $2\sin^4\theta - \sin^2\theta$

   3. $2\sin^4\theta - 2\sin^2\theta - 1$

   4. $2\sin^4\theta - 2\sin^2\theta + 1$

Q.9 Three circles of radius 6 cm are kept touching each other. The string is tightly tied around these three circles. What is the length of the string?

Ans ✔ 1. 36 + 12p cm

✘ 2. 36 + 18p cm

✘ 3. 24 + 36p cm

✘ 4. 36 + 20p cm

Q.10 If $x = 3 + 2\sqrt{2}$, $x > 0$, then the value of $\sqrt{x} - \dfrac{1}{\sqrt{x}}$ is:
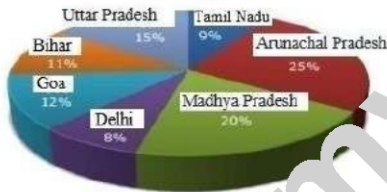
Ans ✘ 1. 1

✘ 2. $\sqrt{2}$

✔ 3. 2

✘ 4. $2\sqrt{2}$

Q.11 Study the given graph and table and answer the following question.

Data of different states regarding population of states in the year 1. 8

Total population of the given states = 5000.

States	Sex and literacy wise Population Ratio			
	x		Literacy	
	N	F	Literate	Illiterate
Arunachal Pradesh		3	2	7
Madhya Pradesh		1	1	4
Delhi	2	3	2	1
Goa	3	5	3	2
Bihar	3	4	4	1
Uttar Prade.	3	2	7	2
Tamil .	3	4	9	4

If in the y 998, there was an increase of 20% in the population of Goa and 10% in the population of Arunachal Pradesh compared to the previous year, then what was the ratio of populations of Goa and Arunachal Pradesh in 1997?

Ans ✘ 1. $7 : 11$

2. $11 : 25$

✘ 3. $4 : 5$

✘ 4. $25 : 11$

Q.12 Suman paid ₹9,600 in interest on a loan she obtained 5 years ago with a simple interest rate of 16%. What was the amount of the loan she had taken?

Ans ✗ 1. ₹13,250

     2. ₹12,500

     3. ₹12,000

    ✗ 4. ₹11,750

Q.13 $\tan(\theta - 14\pi)$ is equal to:

Ans ✓ 1. $\tan\theta$

     2. $-\cot\theta$

    ✗ 3. $\cot\theta$

    ✗ 4. $-\tan\theta$

Q.14

What will be the remainder when 7^{42} is divided by 48?

Ans ✗ 1. 2

    ✗ 2. 3

    ✓ 3. 1

    ✗ 4. 0

Q.15 The following pie chart is representing the units of electricity sold to various categories in a month by an Electricity Supplier.

Electricity sold to various categories of a town

- Domestic Supply
- Street Light
- Industries
- Others

The central angle of the sector corresponding to supply for Industries is:

Ans ✗ 1. 48°

    ✗ 2. 25°

    ✗ 3. 46°

    ✓ 4. 90°

Q.16 Number p is 15% more than 150. If k is 15% less than p, then k is equal to:

Ans ✗ 1. 136.324

✗ 2. 166.625

✗ 3. 116.328

✓ 4. 146.625

Q.17 What is the HCF of 36 and 198?

Ans ✗ 1. 36

✗ 2. 22

✓ 3. 18

✗ 4. 9

Q.18 The cost of a piece of diamond varies with the square of its weight. A diamond of Rs.6,084 value is cut into 3 pieces whose weights are in the ratio 3 : 2 : 1. Find the cost involved in the cutting.

Ans ✗ 1. Rs.3,768

✓ 2. Rs.3,718

✗ 3. Rs.3,168

✗ 4. Rs.3,518

Q.19 The marked price of an article is ₹10,927. On festive season, a certain percentage of discount is declared. Raju buys an article at reduced price and sells it at ₹109,27, and makes a profit of 11.5%. What was the percentage discount offered?

Ans ✓ 1. 10.3%

✗ 2. 11.3%

✗ 3. 11.5%

4. 10..%

Q.20 If $x + \dfrac{1}{x} = -2$, then what is the value of $x^{17} + x^{-17} + x^{12} + x^{-12}$? ($x < 0$)

Ans
- ✗ 1. –2
- ✗ 2. –1
- ✗ 3. 1
- ✔ 4. 0

Q.21 Find the mean proportion between $(6 + \sqrt{8})$ and $(3 - \sqrt{2})$.

Ans
- ✗ 1. $2\sqrt{12}$
- 2. $\sqrt{14}$
- 3. $(6 - \sqrt{8})$
- 4. $\sqrt{15} - 7$

Q.22 If $x - y = 1$ and $x^2 + y^2 = 41$ where $x, y \geq 0$, then the value of $x + y$ will be:

Ans
- ✔ 1. 9
- ✗ 2. 8
- ✗ 3. 6
- ✗ 4. 7

Q.23 $\triangle XYZ \sim \triangle GST$ and XY : GS = 2:3, XV is the median to the side YZ, and GD is the median to the side ST. The value of $\left(\dfrac{YV}{SD}\right)^2$ is _____.

Ans
- ✔ 1. $\dfrac{4}{9}$
- 2. $\dfrac{3}{5}$
- 3. $\dfrac{1}{4}$
- 4. $\dfrac{2}{3}$

Q.24 Vikas covered a certain distance by bike. If he covers 40% of the distance at 40 km/h, 50% of the distance at 25 km/h and the remaining 10% distance at 10 km/h. Find his average speed over the whole distance.

Ans ✓ 1. 25 km/h

✗ 2. 28 km/h

✗ 3. 26 km/h

✗ 4. 30 km/h

Question ID : 26433074953
Status : **Answered**
Chosen Option : **1**

Q.25 The table given below shows the production of refrigerator by 6 companies.

Companies	Production
E	300
F	270
G	260
H	240
I	220
J	250

What is the ratio of production of refrigerator by company G to the production of refrigerator by company I?

Ans ✗ 1. 12 : 13

✗ 2. 11 : 13

✓ 3. 13 : 11

✗ 4. 13 : 12

Question ID : 264330105737
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Oscar is the most prestigious award which is <u>introduced to good</u> actors in that year.

Ans ✗ 1. rewarded to good

✗ 2. nominated to fin

✓ 3. awarded to st

✗ 4. attach

Question ID : 26433088511
Status : **Answered**
Chosen Option : 3

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
When I reached home late, I found my children <u>waiting</u> <u>on me.</u>

Ans ✗ 1. waiting with me

✗ 2. waiting by me

✗ 3. waiting about me

✓ 4. waiting for me

Question ID : 26433084627
Status : **Answered**
Chosen Option : **4**

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

Our school had decided to take us to the Himalayas for excursion. I_____to convince my mother to give consent.

Ans ✗ 1. fought fire with fire

✗ 2. brought home the bacon

✗ 3. made waves

✔ 4. left no stones unturned

Question ID : 26433070552
Status : **Answered**
Chosen Option : **4**

Q.4 Identify the INCORRECTLY spelt word in the given sentence.

The rhime and rhythm of Papai's poems are highly symbolical and timely.

Ans ✔ 1. Rhime

✗ 2. Timely

✗ 3. Rhythm

✗ 4. Symbolical

Question ID : 26433070562
Status : **Answered**
Chosen Option : **1**

Q.5 Select the INCORRECTLY spelt word.

Ans ✗ 1. Justice

✔ 2. Judege

✗ 3. Attorney

✗ 4. Lawyer

Question ID : 26433065137
Status : **Answered**
Chosen Option : **2**

Q.6 Select the sentence with the appropriate use of adverb of frequency.

Ans ✗ 1. Radha goes to Nagpur with great affection.

✗ 2. Radha goes to Nagpur for office work.

✔ 3. Radha often goes to Nagpur.

✗ 4. Radha goes to Nagpur to meet her uncle.

Question ID : 26433073885
Status : **Answered**
Chosen Option : **3**

Q.7 Select the most appropriate synonym of the given word.

Obligatory

Ans ✗ 1. Unnecessary

✔ 2. Compulsory

✗ 3. Chosen

✗ 4. Optional

Question ID : 26433071877
Status : **Answered**
Chosen Option : **4**

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

Built by King Narasimhadeva I of the Eastern Ganga dynasty from 1238-1250 CE, the 13th century late-style Kalingan temple forms part of the golden triangle of Odisha, along with Puri and Bhubaneswar, and <u>attracts</u> tourists, pilgrims, and history and art lovers.

Ans ✗ 1. Embodies

✗ 2. Shrouds

✗ 3. Elucidates

✓ 4. Deters

Question ID : 26433061572
Status : **Answered**
Chosen Option : **4**

Q.9 Select the option that contains a grammatical error in the underlined portion.

There are three cupholders placed on the cupboards of the secretariat table.

Ans ✗ 1. <u>There are three cupholders</u> placed on the cupboards of the secretariat table.

✓ 2. There are three cupholders placed <u>on the cupboards</u> of the secretariat table.

✗ 3. There are three cupholders placed on the cupboards of <u>the secretariat table</u>.

✗ 4. There are three cupholders p<u>laced on the</u> cupboards of the secretariat table.

Question ID : 26433088584
Status : **Answered**
Chosen Option : **2**

Q.10 Select the most appropriate option to fill in the blank.

Anita is an employee who has unconditional_____for her company.

Ans ✗ 1. support

✗ 2. dedication

✗ 3. attachment

✓ 4. love

Question ID : 26433089032
Status : **Answered**
Chosen Option : **2**

Q.11 Rearrange the parts of the sentence in correct order.
The spectacular
P. Indian economy, was largely based on coal
Q. expansion of electrification of the
R. the last 20 years, made considerable
S. Chinese economic growth of

Ans ✗ 1. QRPS

✗ 2. QPRS

✗ 3. PRQS

✓ 4. SRQP

Question ID : 264330104669
Status : **Answered**
Chosen Option : **2**

Q.12 Select the correct direct form of the given sentence.
The surgeon says that I should get anaesthesia for the surgery.

Ans ✔ 1. The surgeon says, "You should get anaesthesia for the surgery."

✖ 2. The surgeon says, "I should get anaesthesia for the surgery."

✖ 3. The surgeon said, "You should get anaesthesia for the surgery."

✖ 4. The surgeon says, "You could get anaesthesia for the surgery."

Question ID : 264330104642
Status : **Answered**
Chosen Option : **2**

Q.13 Select the correct active form of the given sentence.
Why is peace being demanded by you?

Ans ✖ 1. Why you are demanding peace?

✖ 2. Why are peace demanded?

✔ 3. Why are you demanding peace?

✖ 4. Why you demand peace?

Question ID : 264330104591
Status : Answered
Chosen Option : **3**

Q.14 Select the most appropriate ANTONYM of the underlined word.
The WHO issued a statement on Sunday morning that though the Omicron variant of coronavirus may appear to be less <u>severe</u>, it should not be dismissed as 'mild'.

Ans ✖ 1. Withered

✖ 2. Sick

✔ 3. Gentle

✖ 4. Voracious

Question ID : 26433061561
Status : **Answered**
Chosen Option : **4**

Q.15 Select the correct passive form of the given sentence.
They fired her because she was careless.

Ans ✖ 1. She is being fired by them because she was careless.

✖ 2. She is fired by them because she was careless.

✖ 3. She had been fired by them because she was careless.

✔ 4. She was fired by them because she was careless.

Question ID : 264330104561
Status : **Answered**
Chosen Option : **4**

Q.16 Select the most appropriate option to fill in the blank.

He has experienced_____abuse.

Ans ✖ 1. palpable

✖ 2. visible

✔ 3. physical

✖ 4. intangible

Question ID : 26433072045
Status : **Answered**
Chosen Option : **4**

Q.17 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.
P. You can use proper lighting, reduce screen glare, and take more breaks.
Q. However, one of the easiest habits to build is to follow the "20-20-20 rule".
R. There are lots of ways you can protect your eyes during the day.
S. Every 20 minutes of time spent staring at a screen, look away at an option that is at least 20 feet away for 20 seconds.

Ans ✗ 1. SQPR

  ✗ 2. QRSP

  ✔ 3. RPQS

  ✗ 4. SPRQ

Question ID : 264330104714
Status : **Answered**
Chosen Option : **3**

Q.18 Select the most appropriate meaning of the underlined idiom in the given sentence.

Being an ardent professional, the lawyer always kept his clients <u>at an arm's length</u>.

Ans ✗ 1. Away from each other

  ✔ 2. At a distance

  ✗ 3. Under wraps

  ✗ 4. Alert and prepared

Question ID : 26433071987
Status : **Answered**
Chosen Option : **2**

Q.19 Select the most appropriate synonym of the underlined word in the given sentence.

Rahul was sharing some of his childhood stories and they were <u>hysterical</u>.

Ans ✗ 1. Emotional

  ✗ 2. Dangerous

  ✔ 3. Funny

  ✗ 4. Scary

Question ID : 26433060361
Status : **Answered**
Chosen Option : **3**

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Not only is my father intelligent <u>though hard working</u> too.

Ans ✗ 1. or hard working

  ✔ 2. but hard working

  ✗ 3. so hard working

  ✗ 4. yet hard working

Question ID : 26433081310
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of thealternatives given. Select the most appropriate option for each number.

Everything we know about non-avian dinosaurs is_____(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have_____(2) amazing fossilized bones and footprints. Early finds inspired _____(3) and fairy tales, and people_____(4) that these bones belonged to _____(5) or huge monsters.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

Ans   ✗   1. taken after

      ✗   2. held on

      ✗   3. given in

      ✔   4. based on

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of thealternatives given. Select the most appropriate option for each number.

Everything we know about non-avian dinosaurs is_____(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have_____(2) amazing fossilized bones and footprints. Early finds inspired _____(3) and fairy tales, and people_____(4) that these bones belonged to _____(5) or huge monsters.

SubQuestion No : 22

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

Ans   ✗   1. designed

      ✗   2. invented

      ✗   3. fabricated

      ✔   4. discovered

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of thealternatives given. Select the most appropriate option for each number.

Everything we know about non-avian dinosaurs is_____(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have_____(2) amazing fossilized bones and footprints. Early finds inspired _____(3) and fairy tales, and people_____(4) that these bones belonged to _____(5) or huge monsters.

SubQuestion No : 23

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

Ans   ✗   1. fame

      ✗   2. celebrities

      ✔   3. legends

      ✗   4. honour

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of thealternatives given. Select the most appropriate option for each number.

Everything we know about non-avian dinosaurs is_____(1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have_____(2) amazing fossilized bones and footprints. Early finds inspired _____(3) and fairy tales, and people_____(4) that these bones belonged to _____(5) or huge monsters.

SubQuestion No : 24

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

Ans ✗ 1. aimed

✗ 2. opposed

✗ 3. arranged

✓ 4. imagined

Question ID : 264 307   03
Status : Answ ed
Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of thealternatives given. Select the most appropriate option for each number.

Everything we know about non-avian dinosaurs is_____(1) fossils, which include b nes, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughou he world have_____(2) amazing fossilized bones and footprints. Early finds ins   d _____(3) and fairy tales, and people_____(4) that these bones belonge   to _____(5) or huge monsters.

SubQuestion No : 25

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

Ans ✗ 1. spirits

✗ 2. devils

✗ 3. ghosts

✓ 4. giants

Question ID : 26433079004
Status : Answered
Chosen Option : 2