Combined Graduate Level Examination

Sect on **General Intelligence and Reasoning**

Q.1 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1

✗ 2

✗ 3

✓ 4

Quest on D	**81616113940**
Status	**Answered**
Chosen Opt on	**4**

Q.2 In a certain code language, 'INHALE' is written as 'CNYJLK'. How will 'GUILTY' be written in that language?

Ans ✗ 1 ARNGWE

✓ 2 WVJKS

✗ 3 JKSVW

✗ 4 WRNKSE

Quest on D	**81616113218**
Status	**Answered**
Chosen Opt on	**2**

Q.3 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(3, 2, 3)

Ans ✗ 1 (7, 44, 66)

✗ 2 (4, 9, 12)

✗ 3 (12, 136, 204)

✓ 4 (5, 18, 27)

Quest on D	**81616113126**
Status	**Not Answered**
Chosen Opt on	**--**

Q.4 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.

Ans ✗ 1 LNQ

✗ 2 SUX

✓ 3 JLP

✗ 4 CEH

Quest on D	**81616112507**
Status	**Answered**
Chosen Opt on	**3**

Q.5 Select the option that is related to the third number in the same way as the second number is related to the first number.

14 : 112 : : 18 : ?

Ans ✗ 1 183

✗ 2 181

✓ 3 180

✗ 4 184

Quest on D	**81616113224**
Status	**Answered**
Chosen Opt on	**3**

Q.6 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1 Euro

✗ 2 Lot

✓ 3 P nt

✗ 4 Na ra

Quest on D	**81616113114**
Status	**Answered**
Chosen Opt on	**1**

Q.7 Select the option in which the words share the same relationship as that shared by the given pair of words.

Electricity : Television

Ans ✖ 1 D ese   Fue

✔ 2 Petro   Car

✖ 3 Temperature   Refr gerator

✖ 4 Crops   Farmer

Quest on D **81616113924**
Status **Answered**
Chosen Opt on **2**

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 26, 52, 104, ?

Ans ✔ 1 208

✖ 2 230

✖ 3 152

✖ 4 196

Quest on D **81616112516**
Status **Answered**
Chosen Opt on **1**

Q.9 Four friends, Priya, Kavya, Gaurvi and Shalini, have different amounts of money with them. If Priya takes ₹88 from Kavya, then she will have an amount equal to what Gaurvi has. Shalini and Kavya together have a total of ₹550. If Gaurvi takes ₹25 from Shalini, she will have an amount equal to what Kavya has. If the total amount with Shalini, Kavya and Gaurvi is ₹840, how much money does Priya have?

Ans ✖ 1 ₹224

✖ 2 ₹315

✖ 3 ₹280

✔ 4 ₹202

Quest on D **81616113936**
Status **Not Answered**
Chosen Opt on **--**

Q.10 Find the number of triangles in the given figure.
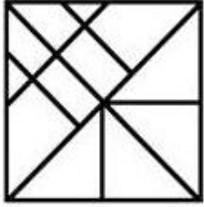
Ans
✗ 1 17
✔ 2 19
✗ 3 21
✗ 4 23

Quest on D **81616113130**
Status **Answered**
Chosen Opt on **2**

Q.11 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 6 8
5 32 60
18 ? 238

Ans
✗ 1 122
✗ 2 124
✔ 3 126
✗ 4 128

Quest on D **81616113226**
Status **Not Answered**
Chosen Opt on **--**

Q.12 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Illegitimate
2. Illegality
3. Illuminate
4. Illiterate
5. Illegible

Ans
✗ 1 1, 2, 3, 4, 5
✗ 2 3, 5, 2, 4, 1
✔ 3 2, 5, 1, 4, 3
✗ 4 3, 5, 1, 2, 4

Quest on D **81616112506**
Status **Answered**
Chosen Opt on **3**

Q.13 Pointing towards Sumit, Anuj said, "He is my mother's father's son's brother's son". If Vinita who is married to Kartik, is the mother of Anuj, then how is Vinita related to Sumit?

Ans ✔ 1 Father's s ster

✘ 2 Mother

✘ 3 Mother's s ster

✘ 4 S ster

Quest on D	**81616113928**
Status	**Answered**
Chosen Opt on	**1**

Q.14 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
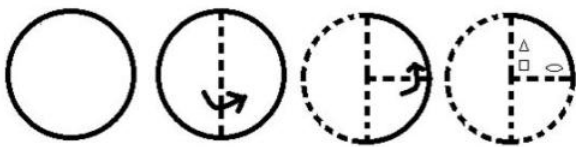
Quest on D	**81616113942**
Status	**Answered**
Chosen Opt on	**1**

Q.15 Select the option that is related to the third word in the same way as the second word is related to the first word.

Hen : Rooster : : Duck : ?

Ans ✗ 1 Monk

✗ 2 Stag

✔ 3 Drake

✗ 4 Drone

Quest on D	**81616112509**
Status	**Not Answered**
Chosen Opt on	--

Q.16 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Ans ✔ 1

✗ 2

✗ 3

✗ 4

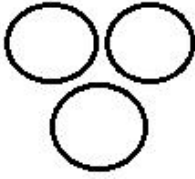|	
Quest on D	**81616113941**
Status	**Answered**
Chosen Opt on	**1**

Q.17 Select the Venn diagram that best illustrates the relationship among the following classes.

Highlighter, Stationary, Eraser

Ans

✗ 1

✗ 2

✔ 3

✗ 4
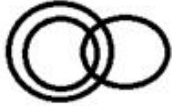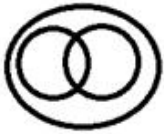
Quest on D	**81616113236**
Status	**Answered**
Chosen Opt on	**3**

Q.18 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1 54 152

✗ 2 82 236

✗ 3 36 98

✔ 4 68 196

Quest on D	**81616113124**
Status	**Not Answered**
Chosen Opt on	**--**

Q.19 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the face opposite the face showing the number '3'?
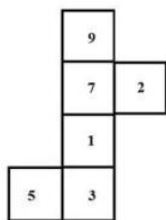
Ans   ✗ 1   5

✗ 2   1

✔ 3   7

✗ 4   9

Quest on D	**81616113131**
Status	**Answered**
Chosen Opt on	**3**

Q.20 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CUPBOARD, DVPBOARD, DVQCOARD, ?, DVQCPBSE

Ans   ✔ 1   DVQCPBRD

✗ 2   DVQCPBSD

✗ 3   DVQCOASE

✗ 4   DVPBPBRD

Quest on D	**81616113919**
Status	**Answered**
Chosen Opt on	**1**

Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✗ 1

✗ 2

✗ 3

✔ 4
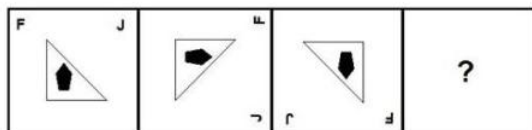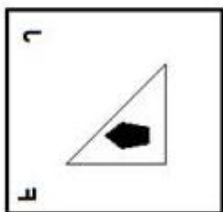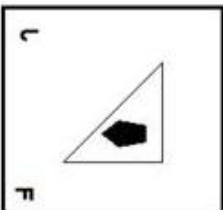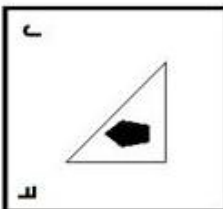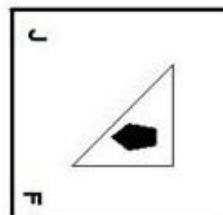
Quest on D	**81616112523**
Status	**Answered**
Chosen Opt on	**4**

Q.22 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

5 * 468 * 18 * 70 * 180 * 4 * 5

Ans ✔ 1 ×, ÷, +, -, =, ×

✗ 2 ×, ÷, +, =, -, ×

✗ 3 ×, ÷, -, +, =, ×

✗ 4 ÷, ×, +, -, =, ×

Quest on D	**81616113127**
Status	**Answered**
Chosen Opt on	**1**

Q.23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
No introvert is an extrovert.
All extroverts are ambiverts.

Conclusions:
I. No introvert is an ambivert.
II. No ambivert is an introvert.
III. Some ambiverts are extroverts.
IV. All ambiverts are extroverts.

Ans   ✗ 1 Only conclusion I follows

    ✔ 2 Only conclusion III follows

    ✗ 3 Both conclusions I and IV follow

    ✗ 4 Both conclusions I and II follow

Question ID	**81616113222**
Status	**Answered**
Chosen Option	**2**

Q.24 In a certain code language, 'LIBERTY' is coded as '4221824364050'. How will 'SLAVERY' be coded in that language?

Ans   ✔ 1 26222436384450

    ✗ 2 22262438365040

    ✗ 3 26224233684540

    ✗ 4 22242636384050

Question ID	**81616113118**
Status	**Not Answered**
Chosen Option	**--**

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b _ e _ d k _ c e m _ k k b c _ m _ k k

Ans   ✗ 1 c, k, k, b, d, e, d

    ✔ 2 c, m, k, b, d, e, d

    ✗ 3 c, k, m, b, d, e, d

    ✗ 4 c, m, k, b, c, c, d

Question ID	**81616113927**
Status	**Answered**
Chosen Option	**2**

Section   **General Awareness**

Q.1 Which of the following is the expanded form of the abbreviation 'Rep.' used in the text of the Constitution of India?

Ans   ✔ 1 Repea ed

   ✘ 2 Repub c

   ✘ 3 Representat ve

   ✘ 4 Report

Quest on D	**81616113963**
Status	**Not Answered**
Chosen Opt on	--

Q.2 AMRUT scheme was launched under the sanitation programme in 2015. What is the full form of AMRUT?

Ans   ✘ 1 Aqua M ss on for Renewab e and U tra Transformat on

   ✔ 2 Ata M ss on for Rejuvenat on and Urban Transformat on

   ✘ 3 Amar M ss on for Renewab e and U tra Transm ss on

   ✘ 4 Aqua M ss on for Rejuvenat on and Urban Transm ss on

Quest on D	**81616113142**
Status	**Not Answered**
Chosen Opt on	--

Q.3 'Oolong' is a variant of   .

Ans   ✘ 1 jute

   ✘ 2 coffee

   ✘ 3 rubber

   ✔ 4 tea

Quest on D	**81616112541**
Status	**Not Answered**
Chosen Opt on	--

Q.4 Spider webs are made up of   , a natural fibre made up of protein.

Ans   ✘ 1 fur

   ✘ 2 woo

   ✔ 3 s k

   ✘ 4 ha r

Quest on D	**81616113244**
Status	**Not Answered**
Chosen Opt on	--

Q.5 Who among the following is the first female from India to win a Grammy award?

Ans ✗ 1 Pa ak Muchha

✗ 2 Neet Mohan

✗ 3 Mona   Thakur

✓ 4 Tanv Shah

Quest on D	**81616112546**
Status	**Not Answered**
Chosen Opt on	**--**

Q.6 Which of the following is a characteristic of conservative force?

Ans ✗ 1 Work done by t depends upon the path

✓ 2 Work done by t s comp ete y recoverab e

✗ 3 Energy s d ss pated as heat energy

✗ 4 Work done by t n a round tr p s not zero

Quest on D	**81616112535**
Status	**Answered**
Chosen Opt on	**2**

Q.7 Who among the following became the first Indian javelin thrower to win an Asian Games gold medal in 2018?

Ans ✗ 1 Sh vpa S ngh

✗ 2 Devender S ngh

✗ 3 V p n Kasana

✓ 4 Neeraj Chopra

Quest on D	**81616112550**
Status	**Answered**
Chosen Opt on	**4**

Q.8 Which of the following books was written by Panini?

Ans ✗ 1 Raghuvamsam

✗ 2 Kathasar tsagara

✓ 3 Ashtadhyay

✗ 4 Manusmr t

Quest on D	**81616113958**
Status	**Answered**
Chosen Opt on	**3**

Q.9 Where is the Jai Hind bridge located in India?

Ans ✓ 1 Ko kata

✗ 2 Mumba

✗ 3 Chenna

✗ 4 Hyderabad

Quest on D	**81616113145**
Status	**Not Answered**
Chosen Opt on	**--**

Q.10 How many states does the World Bank aided 'STARS' project under the New Education Policy initially propose to cover?

Ans ✗ 1 Four

✗ 2 Ten

✔ 3 S x

✗ 4 E ght

Quest on D	**81616112552**
Status	**Not Answered**
Chosen Opt on	**--**

Q.11 In reference to atomicity, argon is:

Ans ✔ 1 monoatom c

✗ 2 po yatom c

✗ 3 tr atom c

✗ 4 d atom c

Quest on D	**81616113952**
Status	**Answered**
Chosen Opt on	**4**

Q.12 Who among the following Sikh Gurus founded the Tarn Taran Sahib?

Ans ✗ 1 Guru Ram Das

✔ 2 Guru Arjan Dev

✗ 3 Guru Nanak Dev

✗ 4 Guru Gob nd S kh

Quest on D	**81616113249**
Status	**Not Answered**
Chosen Opt on	**--**

Q.13 In which of the following years was the Bombay Reorganization Act passed?

Ans ✗ 1 1980

✗ 2 1956

✗ 3 1975

✔ 4 1960

Quest on D	**81616113154**
Status	**Not Answered**
Chosen Opt on	**--**

Q.14　　　is the water transporting tissue in plants.

Ans ✗ 1 Cortex

✔ 2 Xy em

✗ 3 Ste e

✗ 4 Ph oem

Quest on D	**81616113241**
Status	**Answered**
Chosen Opt on	**2**

Q.15 Who was the first Director-General of Archaeological Survey of India?

Ans   ✗ 1 Mort mer Whee er

     ✓ 2 A exander Cunn ngham

     ✗ 3 Lord Curzon

     ✗ 4 John Marsha

Quest on D **81616113252**

Status **Not Answered**

Chosen Opt on **--**

Q.16 At which of the following places did Lord Buddha attain enlightenment?

Ans   ✗ 1 Rajg r

     ✗ 2 Sarnath

     ✓ 3 Bodh Gaya

     ✗ 4 Va sha

Quest on D **81616113149**

Status **Not Answered**

Chosen Opt on **--**

Q.17 Which of the following Indian solar energy firms was ranked as the number one energy company in terms of capacity in 2020 by Mercom Capital?

Ans   ✓ 1 Adan Green

     ✗ 2 Waaree Energ es

     ✗ 3 J nko So ar

     ✗ 4 Tata So ar

Quest on D **81616112554**

Status **Not Answered**

Chosen Opt on **--**

Q.18 Who among the following is the first ever woman fighter pilot to have taken part at a Republic Day Parade?

Ans   ✗ 1 Mohana S ngh J tarwa

     ✗ 2 Avan Chaturved

     ✓ 3 Bhawna Kanth

     ✗ 4 Anny D vya

Quest on D **81616113967**

Status **Not Answered**

Chosen Opt on **--**

Q.19 The 'Ecowrap report' was published in May 2020 by which of the following banks?

Ans   ✗ 1 RB

       ✗ 2 HDFC Bank

       ✓ 3 SB

       ✗ 4 C C Bank

Quest on D	**81616113139**
Status	**Not Answered**
Chosen Opt on	**--**

Q.20 Who is the author of the book, 'Walking with the Comrades'?

Ans   ✗ 1 Pupu Jayakar

       ✗ 2 Prakash Karat

       ✗ 3 S taram Yechury

       ✓ 4 Arundhat Roy

Quest on D	**81616113961**
Status	**Not Answered**
Chosen Opt on	**--**

Q.21 'Float Festival' is one of the main festivals celebrated in   .

Ans   ✗ 1 Puducherry

       ✓ 2 Madura

       ✗ 3 Kanyakumar

       ✗ 4 Kannur

Quest on D	**81616113237**
Status	**Not Answered**
Chosen Opt on	**--**

Q.22 In which of the following years were the first Commonwealth Games held in Canada?

Ans   ✓ 1 1930

       ✗ 2 1956

       ✗ 3 1909

       ✗ 4 1912

Quest on D	**81616113258**
Status	**Not Answered**
Chosen Opt on	**--**

Q.23 Which of the following Himalayan peaks is NOT located in Nepal?

Ans   ✗ 1 Mount Everest

       ✗ 2 Annapurna

       ✗ 3 Maka u

       ✓ 4 Kamet

Quest on D	**81616113954**
Status	**Not Answered**
Chosen Opt on	**--**

Q.24 Virupaksha Temple is situated in which of the following districts of Karnataka?

Ans   ✗ 1 B dar

        ✗ 2 Ch kkaba apur

        ✔ 3 Ba ar

        ✗ 4 Baga kot

Quest on D	**81616113137**
Status	**Not Answered**
Chosen Opt on	**--**

Q.25 In the context of agricultural costs in India, what is MSP?

Ans   ✔ 1 M n mum Support Pr ce

        ✗ 2 M dterm Supp y P an

        ✗ 3 Mode Stab ty Product

        ✗ 4 Max mum Se   ng Pr ce

Quest on D	**81616113946**
Status	**Answered**
Chosen Opt on	**1**

Sect on   **Quantitative Aptitude**

Q.1   AB is a chord of a circle with centre O and P is any point on the circle. If $\angle APB = 122°$, then what is the measure of $\angle OAB$?

Ans   ✔ 1 $32°$

        ✗ 2 $15°$

        ✗ 3 $22°$

        ✗ 4 $28°$

Quest on D	**81616113176**
Status	**Not Answered**
Chosen Opt on	**--**

Q.2   In a triangle PQR, points E and F are on sides PQ and PR respectively such that EF is parallel to QR. If PE = 2 cm and EQ = 3 cm, then area($\triangle PQR$) : area($\triangle PEF$) is equal to:

Ans   ✗ 1 $3:2$

        ✔ 2 $25:4$

        ✗ 3 $5:2$

        ✗ 4 $9:4$

Quest on D	**81616112571**
Status	**Answered**
Chosen Opt on	**2**

Q.3 The average weight of a certain number of students in a class is 55.5 kg. If 4 students with average weight 60 kg join the class, then the average weight of all students in the class increases by 360 g. The number of students in the class, initially, is:

Ans

✔ 1 46

✘ 2 31

✘ 3 41

✘ 4 36

Quest on D **81616113971**

Status **Answered**

Chosen Opt on **1**

Q.4 The area of a triangular plot having sides 12 m, 35 m and 37 m is equal to the area of a rectangular field whose sides are in the ratio 7 : 3. The perimeter (in m) of the field is:

Ans

✔ 1 $20\sqrt{10}$

✘ 2 $20\sqrt{5}$

✘ 3 $24\sqrt{10}$

✘ 4 $24\sqrt{5}$

Quest on D **81616113979**

Status **Answered**

Chosen Opt on **1**

Q.5 Two circles of radius 15 cm and 37 cm intersect each other at the points A and B. If the length of common chord is 24 cm, what is the distance (in cm) between the centres of the circles?

Ans

✔ 1 44

✘ 2 45

✘ 3 42

✘ 4 40

Quest on D **81616113983**

Status **Answered**

Chosen Opt on **1**

Q.6 If $x - y = 4$ and $x^3 - y^3 = 316$, $y > 0$ then the value of $x^4 - y^4$ is:

Ans

✘ 1 2500

✔ 2 2320

✘ 3 2401

✘ 4 2482

Quest on D **81616113274**

Status **Answered**

Chosen Opt on **2**

Q.7 The number $823p2q$ is exactly divisible by 7, 11 and 13. What is the value of $(p - q)$?

Ans   ✗ 1   8

    ✔ 2   5

    ✗ 3   11

    ✗ 4   3

Quest on D	**81616113161**
Status	**Answered**
Chosen Opt on	**2**

Q.8 In the table, production and sale (in 1000 tonnes) of a certain product of a company over 5 years is given. Study the table and answer the question.

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) sale is 80% or more but less than 90% of the production?

Ans   ✗ 1   2016, 2018

    ✗ 2   2019

    ✗ 3   2015, 2016

    ✔ 4   2015, 2019

Quest on D	**81616112780**
Status	**Not Answered**
Chosen Opt on	**--**

Q.9

The value of $\dfrac{\tan 13° \ \tan 36° \ \tan 45° \ \tan 54° \ \tan 77°}{2 \sec^2 60° \ (\sin^2 60° - 3 \cos 60° + 2)}$ is:

Ans   ✔ 1 $\dfrac{1}{10}$

    ✗ 2 $-\dfrac{1}{4}$

    ✗ 3 $\dfrac{1}{4}$

    ✗ 4 $-\dfrac{1}{10}$

Quest on D	**81616113080**
Status	**Answered**
Chosen Opt on	**1**

Q.10 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

What are the average marks of students B, C, D and F in Math?

Ans
✗ 1 125.5
✗ 2 82.5
✔ 3 123.75
✗ 4 120.75

Quest on D **81616113788**
Status **Answered**
Chosen Opt on **2**

Q.11 Hari suffered a loss of 8% by selling an article. If he had sold it for ₹300 more, he would have made a profit of 4%. Find his CP (in ₹).

Ans
✗ 1 2400
✗ 2 2250
✗ 3 2575
✔ 4 2500

Quest on D **81616112560**
Status **Answered**
Chosen Opt on **4**

Q.12 Two numbers are in the ratio 2 : 3. If 5 is subtracted from the first number and six is added to the second number, then the ratio becomes 5 : 12. What would the ratio become when eight is added to each number?

Ans
✗ 1 19 : 14
✔ 2 14 : 19
✗ 3 11 : 14
✗ 4 14 : 11

Quest on D **81616113268**
Status **Answered**
Chosen Opt on **2**

Q.13 Price of a one gram gold coin decreased by 10% on its initial price on Monday and increased by 20% on Tuesday and again increased by 8% on Wednesday, and 5% increase on Thursday. If the final price on Thursday is ₹5511.24, then the initial price (in ₹) of one gram gold coin on Monday was?

Ans
  ✗ 1 4000
  ✗ 2 4250
  ✓ 3 4500
  ✗ 4 5000

Quest on D	**81616113165**
Status	**Not Answered**
Chosen Opt on	**--**

Q.14 A boat goes 30 km upstream in 3 hours and downstream in 1 hour. How much time (in hours) will this boat take to cover 60 km in still water?

Ans
  ✗ 1 6
  ✓ 2 3
  ✗ 3 2
  ✗ 4 5

Quest on D	**81616113271**
Status	**Answered**
Chosen Opt on	**2**

Q.15 Simplify the following expression:

$$8 \div 4 \text{ of } 2 - 15 \div 2 \text{ of } 5 - 6 \div 5 \times (-7 + 5) \text{ of } 2$$

Ans
  ✗ 1 $-\dfrac{1}{5}$

  ✗ 2 $31\dfrac{7}{10}$

  ✗ 3 $7\dfrac{3}{10}$

  ✓ 4 $4\dfrac{3}{10}$

Quest on D	**81616112556**
Status	**Answered**
Chosen Opt on	**4**

Q.16 Table shows District-wise data of number of primary school teachers posted in schools of a city.
Study the table and answer the question.

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

In which district(s) is the number of female teachers Exceed the number of male teachers by more than 500?

Ans
✗ 1 West and South

✔ 2 East and North

✗ 3 North and South

✗ 4 East and West

Quest on D **81616112778**
Status **Answered**
Chosen Opt on **2**

Q.17 Study the following table and answer the question:
Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

The total marks obtained by student F in English, Science and Hindi is approximately what percent of the total marks obtained by student A in English, Mathematics, Science and Hindi?
(Correct to one decimal place)

Ans
✗ 1 50.2

✔ 2 49.3

✗ 3 48.4

✗ 4 45.5

Quest on D **81616113790**
Status **Not Answered**
Chosen Opt on **--**

Q.18 A loan is to be returned in two equal yearly instalments. If the rate of interest is 10% p.a., compounded annually and each instalment is ₹6534, then the total interest charged (in ₹) is:

Ans   ✗ 1   1642

   ✗ 2   1579

   ✔ 3   1728

   ✗ 4   1867

Quest on D **81616113168**
Status **Not Answered**
Chosen Opt on **--**

Q.19 What is the coefficient of x in the expansion of $(3x-4)^3$?

Ans   ✗ 1   108

   ✗ 2   -108

   ✔ 3   144

   ✗ 4   -144

Quest on D **81616112566**
Status **Answered**
Chosen Opt on **3**

Q.20 The value of $\sin^2 60° \cos^2 45° + 2\tan^2 60° - \mathrm{cosec}^2\, 30°$ is equal to:

Ans   ✗ 1 $\dfrac{17}{24}$

   ✔ 2 $\dfrac{19}{8}$

   ✗ 3 $-\dfrac{17}{24}$

   ✗ 4 $-\dfrac{19}{8}$

Quest on D **81616113483**
Status **Answered**
Chosen Opt on **2**

Q.21 The side of an equilateral △ ABC is $3\sqrt{7}$ cm. P is a point on side BC such that BP : PC = 1 : 2. The length (in cm) of AP is:

Ans   ✗ 1   6

   ✔ 2   7

   ✗ 3 $7\sqrt{3}$

   ✗ 4 $6\sqrt{3}$

Quest on D **81616113986**
Status **Not Answered**
Chosen Opt on **--**

Q.22 The marked price of an article is ₹5320. It is subject to two successive discounts, the first being 15%, and the second at a rate of 20% of the first. What is the selling price (to nearest ₹) of the article?

Ans

✗ 1 ₹4522

✗ 2 ₹4127

✗ 3 ₹4000

✔ 4 ₹4386

> Quest on D **81616113265**
> Status **Not Answered**
> Chosen Opt on **--**

Q.23 The value of $sec^4\theta(1 - sin^4\theta) - 2tan^2\theta$ is:

Ans

✗ 1 $\dfrac{1}{2}$

✔ 2 1

✗ 3 -1

✗ 4 0

> Quest on D **81616113179**
> Status **Answered**
> Chosen Opt on **2**

Q.24 If $x + y + z = 3, xy + yz + zx = -12$ and $xyz = -16$, then the value of $\sqrt{x^3 + y^3 + z^3 + 13}$ is:

Ans

✗ 1 9

✗ 2 8

✔ 3 10

✗ 4 11

> Quest on D **81616113174**
> Status **Answered**
> Chosen Opt on **3**

Q.25 A can do a piece of work in 2 days, and B can do five times the same work in 15 days when they work for ten hours a day. If they work together, then how many hours in addition to a days' work will they require to complete the work?

Ans

✔ 1 2

✗ 2 0

✗ 3 3

✗ 4 1

> Quest on D **81616113169**
> Status **Not Answered**
> Chosen Opt on **--**

Sect on **English Comprehension**

Q.1 Select the INCORRECTLY spelt word.

Ans ✔ 1 D ssapo nt

   ✘ 2 D scourage

   ✘ 3 Desperate

   ✘ 4 D sastrous

Quest on D	**81616112602**
Status	**Answered**
Chosen Opt on	**1**

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A person appointed by two parties to solve a dispute

Ans ✘ 1 Anarch st

   ✘ 2 Athe st

   ✔ 3 Arb trator

   ✘ 4 Aud tor

Quest on D	**81616113207**
Status	**Answered**
Chosen Opt on	**3**

Q.3 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'.

He will lose all his wealth if he doesn't mends his ways.

Ans ✘ 1 No mprovement requ red

   ✘ 2 do not mend

   ✔ 3 doesn't mend

   ✘ 4 don't mends

Quest on D	**81616113190**
Status	**Answered**
Chosen Opt on	**3**

Q.4 Select the most appropriate ANTONYM of the given word.

Sabotage

Ans ✔ 1 Create

   ✘ 2 Damage

   ✘ 3 Cr pp e

   ✘ 4 Destroy

Quest on D	**81616113304**
Status	**Answered**
Chosen Opt on	**1**

Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. There lived a foolish king in a large kingdom.
B. He thought that it will be a good joke.
C. He did not realise that what he thought of as a joke would cost him heavily.
D. The king once decided to throw all his ministers in prison for a day.

Ans ✗ 1 DABC

✔ 2 ADBC

✗ 3 ACBD

✗ 4 ABCD

Quest on D	**81616112592**
Status	**Answered**
Chosen Opt on	**2**

Q.6 Select the most appropriate synonym of the given word.

Spill

Ans ✔ 1 Drop

✗ 2 F ter

✗ 3 Feather

✗ 4 Absorb

Quest on D	**81616114008**
Status	**Not Answered**
Chosen Opt on	**--**

Q.7 Select the most appropriate option to fill in the blank.

In addition to understanding the specific issue to be tackled, the sub-committee examined the larger _____ on the problem.

Ans ✗ 1 percept on

✔ 2 perspect ve

✗ 3 proport on

✗ 4 prospect ve

Quest on D	**81616114019**
Status	**Not Answered**
Chosen Opt on	**--**

Q.8 Select the most appropriate meaning of the given idiom.

Through thick and thin

Ans ✗ 1 W th hum ty

✗ 2 W th ego and pr de

✗ 3 W th a k nds of peop e

✔ 4 Under a cond t ons

Quest on D	**81616113305**
Status	**Answered**
Chosen Opt on	**4**

Q.9   The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

I never miss / a cricket match / as I am fond of cricket / from childhood.

Ans   ✓ 1 from ch dhood

   ✗ 2   never m ss

   ✗ 3 as am fond of cr cket

   ✗ 4 a cr cket match

Quest on D	**81616113287**
Status	**Not Answered**
Chosen Opt on	**--**

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

Lavish

Ans   ✓ 1 Moderate

   ✗ 2 Grand

   ✗ 3 Generous

   ✗ 4 Excess ve

Quest on D	**81616112596**
Status	**Answered**
Chosen Opt on	**1**

Q.11 Select the INCORRECTLY spelt word.

Ans   ✗ 1 Un son

   ✗ 2 L a son

   ✓ 3 Ocass on

   ✗ 4 Vehemence

Quest on D	**81616112603**
Status	**Not Answered**
Chosen Opt on	**--**

Q.12 Select the option that expresses the given sentence in reported speech.

The French scientist said, "I want to study how bees and wasps find their way home."

Ans   ✗ 1 The French sc ent st sa d that he wants to study how bees and wasps found your way home

   ✗ 2 The French sc ent st sa d that want to study how bees and wasps found the r way home

   ✓ 3   The French sc ent st sa d that he wanted to study how bees and wasps found the r way home

   ✗ 4 The French sc ent st sa d that wanted to study how bees and wasps find the r way home

Quest on D	**81616113997**
Status	**Answered**
Chosen Opt on	**3**

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

A group of people, typically with vehicles or animals travelling together

Ans   ✔ 1 Caravan

✘ 2 Cache

✘ 3 Battery

✘ 4 Cargo

Quest on D	**81616113206**
Status	**Answered**
Chosen Opt on	**1**

Q.14 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The shopkeeper would have fined her if <u>he come to know</u> that she damaged the toy on exhibit.

Ans   ✔ 1 he came to know

✘ 2 he comes to knew

✘ 3 No subst tut on

✘ 4 he came to knew

Quest on D	**81616113999**
Status	**Not Answered**
Chosen Opt on	**--**

Q.15 Select the most appropriate synonym of the given word.

Breakthrough

Ans   ✔ 1 D scovery

✘ 2 D saster

✘ 3 Co nc dence

✘ 4 Acc dent

Quest on D	**81616114009**
Status	**Answered**
Chosen Opt on	**2**

Q.16 Select the option that expresses the given sentence in passive voice.

They didn't repair my phone yesterday.

Ans   ✘ 1 My phone d d not get repa red yesterday by them

✔ 2 My phone was not repa red yesterday by them

✘ 3 My phone cou d not be repa red yesterday by them

✘ 4 My phone had not been repa red yesterday by them

Quest on D	**81616113188**
Status	**Answered**
Chosen Opt on	**2**

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

One of / the biggest enterprise / in India / is declaring a lockout.

Ans
❌ 1 s dec ar ng a ockout

❌ 2 n nd a

✅ 3 the b ggest enterpr se

❌ 4 One of

Quest on D **81616113187**
Status **Answered**
Chosen Opt on **3**

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Sculpture and painting form an integral part of temple architecture.
B. The city is visited by thousands curious to see the temple in the form of a chariot.
C. The finest example of this is Konark Temple in Puri.
D. The chariot with immense wheels and horses is carved from stone.

Ans
❌ 1 ABCD

❌ 2 BCAD

✅ 3 ACBD

❌ 4 BCDA

Quest on D **81616113300**
Status **Answered**
Chosen Opt on **3**

Q.19 Select the most appropriate meaning of the given idiom.

On the horizon

Ans
❌ 1 A p an for the d stant future

❌ 2 The successfu beg nn ng of a bus ness venture

❌ 3 An event that s ke y to end soon

✅ 4 An event that s ke y to happen soon

Quest on D **81616113306**
Status **Answered**
Chosen Opt on **3**

Q.20 Select the most appropriate option to fill in the blank.

Do not _____ him; he has done no harm to you.

Ans
❌ 1 assure

❌ 2 adm t

✅ 3 accuse

❌ 4 adm re

Quest on D **81616113210**
Status **Answered**
Chosen Opt on **3**

Comprehension:

n the fo ow ng passage, some words have been de eted F   n the b anks w th the he p of the
a ternat ves g ven Se ect the most appropr ate opt on for each b ank

The muskme on s (1)   perfect summer (2)   t s (3)   n water content wh ch
can he p (4)   care of our (5)   flu d oss that we suffer n the hot season

SubQuestion No : 21

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

Ans   ✔ 1 a

  ✘ 2 much

  ✘ 3 an

  ✘ 4 few

Quest on D	**81616112587**
Status	**Answered**
Chosen Opt on	**1**

Comprehension:

n the fo ow ng passage, some words have been de eted F   n the b anks w th the he p of the
a ternat ves g ven Se ect the most appropr ate opt on for each b ank

The muskme on s (1)   perfect summer (2)   t s (3)   n water content wh ch
can he p (4)   care of our (5)   flu d oss that we suffer n the hot season

SubQuestion No : 22

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

Ans   ✘ 1 d saster

  ✘ 2 enemy

  ✔ 3 compan on

  ✘ 4 hazard

Quest on D	**81616112588**
Status	**Answered**
Chosen Opt on	**3**

Comprehension:

n the fo ow ng passage, some words have been de eted F   n the b anks w th the he p of the
a ternat ves g ven Se ect the most appropr ate opt on for each b ank

The muskme on s (1)   perfect summer (2)   t s (3)   n water content wh ch
can he p (4)   care of our (5)   flu d oss that we suffer n the hot season

SubQuestion No : 23

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

Ans   ✘ 1 engthy

  ✘ 2 poor

  ✘ 3 w de

  ✔ 4 r ch

Quest on D	**81616112589**
Status	**Answered**
Chosen Opt on	**4**

Comprehension:

 n the fo ow ng passage, some words have been de eted F   n the b anks w th the he p of the a ternat ves g ven Se ect the most appropr ate opt on for each b ank

The muskme on s (1)   perfect summer (2)   t s (3)   n water content wh ch can he p (4)   care of our (5)   flu d oss that we suffer n the hot season

SubQuestion No : 24

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

Ans   ✗ 1 took

       ✔ 2 take

       ✗ 3   ke

       ✗ 4 ook

Quest on D	**81616112590**
Status	**Answered**
Chosen Opt on	**2**

Comprehension:

 n the fo ow ng passage, some words have been de eted F   n the b anks w th the he p of the a ternat ves g ven Se ect the most appropr ate opt on for each b ank

The muskme on s (1)   perfect summer (2)   t s (3)   n water content wh ch can he p (4)   care of our (5)   flu d oss that we suffer n the hot season

SubQuestion No : 25

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

Ans   ✗ 1 m nd's

       ✔ 2 body's

       ✗ 3 heart's

       ✗ 4 hea th's

Quest on D	**81616112591**
Status	**Answered**
Chosen Opt on	**2**