

# Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	16/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

## Section : General Intelligence and Reasoning

**Q.1** 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:**

All dancers are talented.  
Some girls are dancers.

**Conclusions:**

I. Some girls are talented.  
II. All talented are girls.  
III. All girls are talented.

- Ans**
- 1. Only conclusion III follows
  - 2. Only conclusion II follows
  - 3. Only conclusion I follows
  - 4. Both conclusions I and II follow

Question ID : 81616112414

Status : Answered

Chosen Option : 3

**Q.2** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(16, 12, 32)

- Ans**
- 1. (20, 15, 42)
  - 2. (76, 57, 176)
  - 3. (36, 27, 77)
  - 4. (56, 24, 68)

Question ID : 81616112823

Status : Not Answered

Chosen Option : --

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

37, 52, 74, 104, 143, ?

- Ans
- 1. 168
  - 2. 176
  - 3. 202
  - 4. 192

Question ID : 81616113930  
 Status : Answered  
 Chosen Option : 4

**Q.4** Select the option that is related to the third word in the same way as the second word is related to the first word.

Awful : Nice :: Nomadic : ?

- Ans
- 1. Nocturnal
  - 2. Careless
  - 3. Homeless
  - 4. Settled

Question ID : 81616113923  
 Status : Answered  
 Chosen Option : 4

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

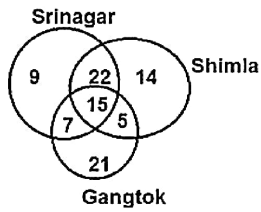


Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 81616114142  
 Status : Answered  
 Chosen Option : 2

**Q.6** The following Venn diagram shows the number of families who have visited three different places (Srinagar, Shimla, Gangtok).



What is the number of families who have visited at least two of the places out of Srinagar, Shimla and Gangtok?

- Ans**
- 1. 27
  - 2. 49
  - 3. 15
  - 4. 34

Question ID : 81616112428  
Status : Answered  
Chosen Option : 2

**Q.7** Pointing to the photograph of a girl, Raghav said, "She is my father's mother's daughter's only brother's daughter". How is Raghav's father related to that girl's mother?

- Ans**
- 1. Son
  - 2. Maternal uncle
  - 3. Husband
  - 4. Father

Question ID : 81616114130  
Status : Answered  
Chosen Option : 3

**Q.8** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Success
2. Surreal
3. Succumb
4. Suction
5. Surrogate
6. Surprise

- Ans**
- 1. 1, 3, 4, 6, 2, 5
  - 2. 1, 4, 3, 6, 2, 5
  - 3. 1, 3, 6, 4, 2, 5
  - 4. 1, 3, 4, 6, 5, 2

Question ID : 81616113920  
Status : Answered  
Chosen Option : 1

**Q.9** 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. 5237 : 4003  
 2. 4327 : 2003  
 3. 3527 : 2293  
 4. 2347 : 1113

Question ID : 81616112821  
 Status : Answered  
 Chosen Option : 2

**Q.10** Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M v t k r d f |  
 M  
 N

- Ans  1. W Λ f K r q t  
 2. J p r k t Λ M  
 3. f b r k t v M  
 4. f b J k t v M

Question ID : 81616114143  
 Status : Answered  
 Chosen Option : 3

**Q.11** Select the option in which the words share the same relationship as that shared by the given pair of words.

**Dentist : Hospital**

- Ans  1. Professor : University  
 2. Criminal : Police Station  
 3. Doctor : Treatment  
 4. Engineer : Design

Question ID : 81616114126  
 Status : Answered  
 Chosen Option : 1

Q.12 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BOARD, BOARW, BOAIW, ?, BLZIW, YLZIW

- Ans
- 1. BLZRW
  - 2. BOZRW
  - 3. BOAIW
  - 4. BOZIW

Question ID : 81616114121  
 Status : Answered  
 Chosen Option : 4

Q.13 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. Lethargic
  - 2. Passive
  - 3. Vivacious
  - 4. Sluggish

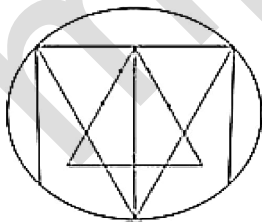
Question ID : 81616112811  
 Status : Answered  
 Chosen Option : 3

Q.14 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. BEHK
  - 2. QTWZ
  - 3. XADG
  - 4. NPSV

Question ID : 81616113921  
 Status : Answered  
 Chosen Option : 4

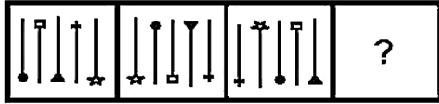
Q.15 Find the number of triangles in the given figure.



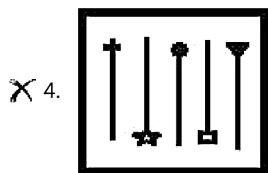
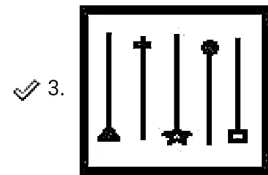
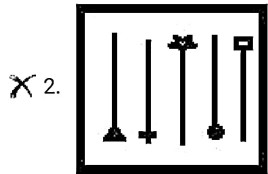
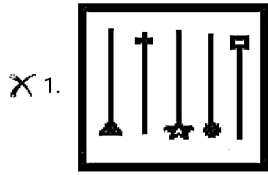
- Ans
- 1. 13
  - 2. 17
  - 3. 19
  - 4. 15

Question ID : 81616112827  
 Status : Answered  
 Chosen Option : 4

Q.16 Select the figure from among the given options that can replace the question mark (?) in the following series.

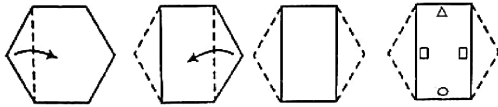


Ans

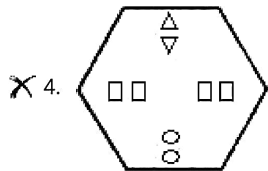
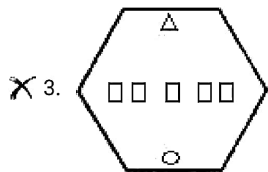
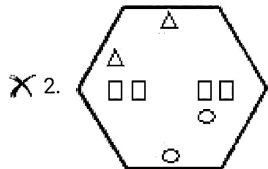
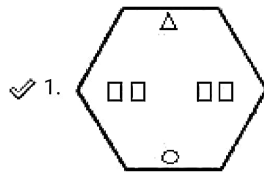


Question ID : 81616113937  
 Status : Answered  
 Chosen Option : 3

Q.17 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



Question ID : 81616114144

Status : Answered

Chosen Option : 1

Q.18 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(7, 21, 49)

Ans ✓ 1. (9, 27, 72)

✗ 2. (6, 18, 36)

✗ 3. (5, 15, 25)

✗ 4. (8, 24, 64)

Question ID : 81616112418

Status : Answered

Chosen Option : 2

Q.19 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b \_ c e \_ k b \_ c \_ f k b b \_ e f \_ b b c \_ f k

- Ans  1. b, e, b, f, c, k, e  
 2. b, f, b, e, c, k, e  
 3. b, f, b, c, e, k, e  
 4. b, f, b, e, c, e, k

Question ID : 81616114129  
 Status : Answered  
 Chosen Option : 2

Q.20 When number X multiplied to its next number, the product 1260 is obtained. When Number X is added to Number Y, a total of 106 is obtained. Find the value of Number Y. (Assume numbers to be positive)

- Ans  1. 77  
 2. 71  
 3. 61  
 4. 87

Question ID : 81616114138  
 Status : Answered  
 Chosen Option : 2

Q.21 Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the equation.

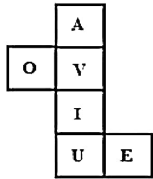
$36 * 14 * 63 * 9 * 11 * (6 * 3) * 90$

- Ans  1. +, -, ÷, ×, =, -, +  
 2. -, +, ×, ÷, -, +, =  
 3. -, +, ÷, ×, -, +, =  
 4. -, +, ÷, ×, =, -, +

Question ID : 81616112824  
 Status : Answered  
 Chosen Option : 3



**Q.22** A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the face opposite the face showing the letter 'A'?



- Ans**
- 1. **V**
  - 2. **I**
  - 3. **E**
  - 4. **U**

Question ID : **81616112828**  
 Status : **Answered**  
 Chosen Option : 2

**Q.23** In a certain code language, 'AND' is written as 'C-LP-F' and 'NOR' is coded as 'P-MQ-T'. How will 'BUT' be written in that language?

- Ans**
- 1. D-SW-V
  - 2. C-SU-V
  - 3. D-SW-U
  - 4. C-TV-W

Question ID : **81616112410**  
 Status : **Answered**  
 Chosen Option : 1

**Q.24** In a certain code language, 'SAFETY' is coded as '95' and 'EXPAND' is coded as '87'. How will 'GATHER' be coded in that language?

- Ans**
- 1. 90
  - 2. 86
  - 3. 88
  - 4. 84

Question ID : **81616112815**  
 Status : **Not Answered**  
 Chosen Option : --

**Q.25** Select the option that is related to the third number in the same way as the second number is related to the first number.

21 : 445 :: 24 : ?

- Ans**
- 1. 505
  - 2. 495
  - 3. 523
  - 4. 580

Question ID : **81616112416**  
 Status : **Answered**  
 Chosen Option : 4

**Q.1** As of 2020, which among the following is a permanent member at United Nations Security Council?

- Ans**
- 1. Brazil
  - 2. Japan
  - 3. Germany
  - 4. China

Question ID : 81616113966  
Status : Answered  
Chosen Option : 2

**Q.2** Article 21A of the Constitution of India provides Right to \_\_\_\_\_.

- Ans**
- 1. Equality
  - 2. Work
  - 3. Education
  - 4. Privacy

Question ID : 81616114165  
Status : Answered  
Chosen Option : 3

**Q.3** 'Jadopatiya' is a form of \_\_\_\_\_ popular in the state of Jharkhand.

- Ans**
- 1. painting
  - 2. music
  - 3. sculpture
  - 4. dance

Question ID : 81616112429  
Status : Not Answered  
Chosen Option : --

**Q.4** As of 26th January 2021, who is the Lok Sabha Speaker?

- Ans**
- 1. Nitin Gadkari
  - 2. Rajnath Singh
  - 3. Om Birla
  - 4. JP Nadda

Question ID : 81616113960  
Status : Answered  
Chosen Option : 3

Q.5 Deserts, rain forests, coral reefs and mangroves are features of \_\_\_\_\_ diversity.

- Ans
- 1. genetic
  - 2. cultural
  - 3. species
  - 4. ecological

Question ID : 81616113949  
Status : Answered  
Chosen Option : 4

Q.6 What is the abbreviated form of the IPL franchise cricket team from Chennai?

- Ans
- 1. GCW
  - 2. CSK
  - 3. CA
  - 4. CL

Question ID : 81616113964  
Status : Answered  
Chosen Option : 2

Q.7 Which of the following states topped the second edition of the Indian Innovation Index released by NITI Aayog in January 2021?

- Ans
- 1. Andhra Pradesh
  - 2. Punjab
  - 3. Tamil Nadu
  - 4. Karnataka

Question ID : 81616112836  
Status : Answered  
Chosen Option : 4

Q.8 In which of the following states was the International Paragliding Festival organised by the Adventure Sports and Sustainable Tourism Academy (ASSTA) in 2020?

- Ans
- 1. Kerala
  - 2. Tripura
  - 3. Assam
  - 4. Uttarakhand

Question ID : 81616112834  
Status : Answered  
Chosen Option : 4

**Q.9 Who among the following was one of the leaders who was instrumental in convincing Mahatma Gandhi about the need to start a non-cooperation movement in support of The Khilafat?**

- Ans**
- 1. Mohammad Ali Jinnah
  - 2. Maulana Abul Kalam Azad
  - 3. Abdul Ghaffar Khan
  - 4. Shaukat Ali

Question ID : 81616114160  
Status : Not Answered  
Chosen Option : --

**Q.10 Who among the following laid the foundations of the Indian National Movement by founding the Indian Association at Calcutta in 1876?**

- Ans**
- 1. Womesh Chandra Banerjee
  - 2. Dadabhai Naoroji
  - 3. Surendranath Banerjee
  - 4. Aurobindo Ghose

Question ID : 81616112444  
Status : Answered  
Chosen Option : 3

**Q.11 Which of the following organs secretes hydrochloric acid that helps our body in killing pathogenic bacteria?**

- Ans**
- 1. Kidney
  - 2. Heart
  - 3. Stomach
  - 4. Brain

Question ID : 81616112436  
Status : Answered  
Chosen Option : 3

**Q.12 Which of the following states won the National Award for Best Electoral Practices 2020?**

- Ans**
- 1. Mizoram
  - 2. Meghalaya
  - 3. Kerala
  - 4. Karnataka

Question ID : 81616114169  
Status : Answered  
Chosen Option : 2

Q.13 Who among the following rulers is called the 'Napolean of India'?

- Ans  1. Bindusara  
 2. Chandragupta I  
 3. Ashoka  
 4. Samudragupta

Question ID : 81616112441  
Status : Answered  
Chosen Option : 4

Q.14 Which of the following is NOT in Karnataka?

- Ans  1. Hampi  
 2. Duduma Waterfall  
 3. Mysore Palace  
 4. Bannerghatta National Park

Question ID : 81616114156  
Status : Answered  
Chosen Option : 4

Q.15 'Swasthya Sathi' scheme is the health insurance scheme that covers the entire population of which of the following states?

- Ans  1. West Bengal  
 2. Assam  
 3. Meghalaya  
 4. Bihar

Question ID : 81616112839  
Status : Not Answered  
Chosen Option : --

Q.16 Who among the following won the 'Indian Personality of the Year Award' during the 51st International Film Festival?

- Ans  1. Amitabh Bachchan  
 2. Shabana Azmi  
 3. Asha Bhosle  
 4. Biswajit Chatterjee

Question ID : 81616114163  
Status : Answered  
Chosen Option : 1

**Q.17** What do you call the effect of splitting of a spectral line into several components in the presence of a static magnetic field?

- Ans**
- 1. Askaryan effect
  - 2. Zeeman effect
  - 3. Bezold effect
  - 4. Domino effect

Question ID : **81616112433**  
Status : **Not Answered**  
Chosen Option : --

**Q.18** Which of the following state governments launched the long-awaited policy of manufactured sand in January 2021?

- Ans**
- 1. Madhya Pradesh
  - 2. Rajasthan
  - 3. Maharashtra
  - 4. Gujarat

Question ID : **81616113968**  
Status : **Answered**  
Chosen Option : 2

**Q.19** Who among the following is an Indian Paralympic swimmer?

- Ans**
- 1. Sharath M Gayakwad
  - 2. Pramod Bhagat
  - 3. Gaurav Khanna
  - 4. Sukant Kadam

Question ID : **81616112450**  
Status : **Not Answered**  
Chosen Option : --

**Q.20** When is the statehood day of Tripura observed?

- Ans**
- 1. 3 October
  - 2. 12 March
  - 3. 21 January
  - 4. 21 February

Question ID : **81616112851**  
Status : **Answered**  
Chosen Option : 3

**Q.21 SHG promotes thrift in small proportion by a minimum contribution from each member of the group. What does 'H' stand for in SHG?**

- Ans
- 1. Habitat
  - 2. Heavy
  - 3. Harvest
  - 4. Help

Question ID : 81616114148  
Status : Answered  
Chosen Option : 4

**Q.22 Topaz is a \_\_\_\_ of fluorine and aluminium.**

- Ans
- 1. sulphate
  - 2. phosphate
  - 3. carbonate
  - 4. silicate

Question ID : 81616113955  
Status : Not Answered  
Chosen Option : --

**Q.23 In which of the following states is Anchar Lake located?**

- Ans
- 1. Bihar
  - 2. Meghalaya
  - 3. Assam
  - 4. Jammu and Kashmir

Question ID : 81616112842  
Status : Answered  
Chosen Option : 2

**Q.24 In the periodic table, the highly electronegative halogens and the highly electropositive alkali metals are separated by:**

- Ans
- 1. Noble gases
  - 2. Alkaline earth metals
  - 3. Rare earth elements
  - 4. Noble metals

Question ID : 81616114154  
Status : Answered  
Chosen Option : 3

Q.25 In which of the following years did the revolt in the countryside of the Bombay Deccan occur?

- Ans  1. 1875  
 2. 1890  
 3. 1790  
 4. 1905

Question ID : 81616112846  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude

Q.1 The average height of some students in a group is 156 cm. If 5 students of average height 160 cm join the group, then the average height of all the students in the group increases by 0.8 cm. What is the number of students in the group, initially?

- Ans  1. 10  
 2. 15  
 3. 20  
 4. 25

Question ID : 81616114173  
Status : Answered  
Chosen Option : 4

Q.2 In  $\triangle ABC$ ,  $DE \parallel AB$ , where D and E are the points on sides AC and BC, respectively. If  $AD = x - 3$ ,  $AC = 2x$ ,  $BE = x - 2$  and  $BC = 2x + 3$ , then what is the value of  $x$ ?

- Ans  1. 10  
 2. 9  
 3. 12  
 4. 8

Question ID : 81616113985  
Status : Answered  
Chosen Option : 2



**Q.3** The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years.

years	Arts		Science		Commerce	
	Boys	Girls	Boys	Girls	Boys	Girls
2012	48	36	40	35	35	45
2014	42	43	42	32	32	42
2016	45	42	38	30	36	38
2018	39	46	41	23	28	34
2020	36	43	39	30	39	41

By what percent is the total number of boys in Arts stream more than the total number of boys in Science stream in the years 2012 to 2020?

**Ans**

1. 5

2.  $4\frac{16}{21}$

3. 0

4.  $2\frac{18}{41}$

Question ID : 81616112376

Status : Answered

Chosen Option : 1

**Q.4** A certain sum amounts to ₹291600 in 2 years and to ₹314928 in 3 years on compound interest compounded annually. How much will be the simple interest (in ₹) on ₹40000 at the same rate for 2 years?

**Ans**

1. 6400

2. 8000

3. 7500

4. 9600

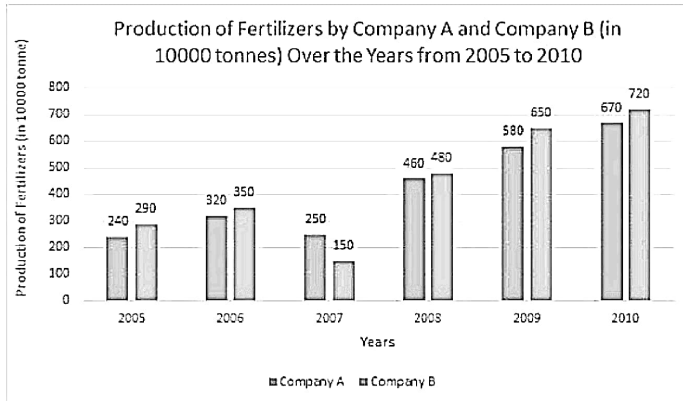
Question ID : 81616112865

Status : Answered

Chosen Option : 4

**Q.5** The following Bar Graph represents the Production of Fertilizers by Company A and Company B (in 10000 tonnes) Over the Years from 2005 to 2010. The X-axis represents the years, and the Y-axis represents the Production of Fertilizers (in 10000 tonnes).

(Note: The data shown below is only for mathematical exercise. They do not represent the actual figures of the companies)



What is the average production (in 10000 tonnes) of fertilizers in 2008, 2009 and 2010 of Company A?

- Ans**
- 1. 600
  - 2. 570
  - 3. 590
  - 4. 620

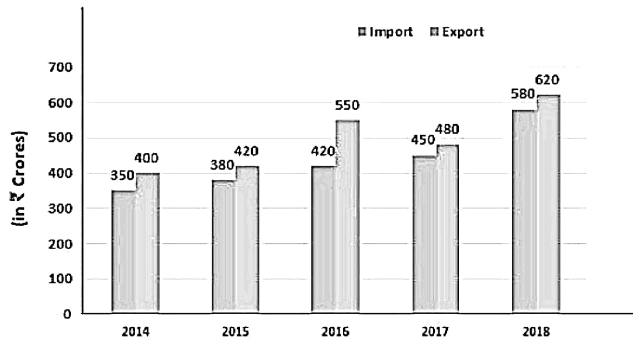
Question ID : 81616112374  
 Status : Not Answered  
 Chosen Option : --

**Q.6** If  $\sin\left(\frac{2A+B}{2}\right) = \cos\left(\frac{2A-B}{2}\right) = \frac{\sqrt{3}}{2}$ ,  $0^\circ < \frac{2A+B}{2} < 90^\circ$  and  $0^\circ < \frac{2A-B}{2} < 90^\circ$  then find the value of  $\sin[3(A-B)]$ .

- Ans**
- 1.  $\frac{\sqrt{3}}{2}$
  - 2.  $\frac{1}{\sqrt{2}}$
  - 3.  $\frac{1}{2}$
  - 4. 1

Question ID : 81616112876  
 Status : Answered  
 Chosen Option : 2

Q.7 The given bar graph shows the imports and exports (in crore ₹) of steel for 5 years from 2014 to 2018.



What is the ratio of average export to average import over the five years?

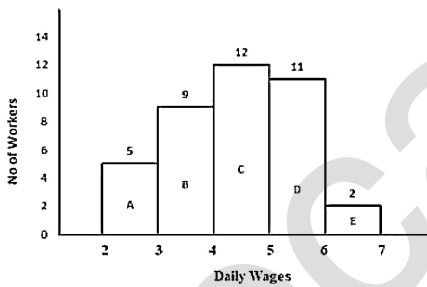
- Ans
- 1. 247 : 109
  - 2. 247 : 218
  - 3. 109 : 247
  - 4. 218 : 247

Question ID : 81616113587

Status : Answered

Chosen Option : 2

Q.8 In a factory, there are 39 workers who have been categorised into five groups (A, B, C, D, E) on the basis of the range of their daily wages (in multiples of ₹100). It is ensured that the daily wage of no worker is an exact multiple of ₹100. The distribution is presented through the given histogram.



If two Managers are engaged to supervise the workers, with daily wages ranging between ₹700 and ₹800, then what will be the average daily wage (nearest to a ₹) of all members of staff of the factory?

- Ans
- 1. ₹445
  - 2. ₹400
  - 3. ₹455
  - 4. ₹467

Question ID : 81616113589

Status : Not Answered

Chosen Option : --

**Q.9** A shopkeeper allows 16% discount on every item. Even after giving the discount, he makes a profit of 8%. If he gives 8% discount instead of 16% on an item marked for ₹1800, then what will be his profit percent? (correct to 2 decimal places)

- Ans**
- 1. 19
  - 2. 18.31
  - 3. 18
  - 4. 18.29

Question ID : 81616112457  
 Status : Answered  
 Chosen Option : 2

**Q.10** If  $x + y = 2$  and  $\frac{1}{x} + \frac{1}{y} = \frac{18}{5}$ , then the value of  $(x^3 + y^3)$  is:

- Ans**
- 1.  $4\frac{2}{3}$
  - 2.  $4\frac{3}{5}$
  - 3.  $3\frac{1}{5}$
  - 4.  $3\frac{1}{3}$

Question ID : 81616113980  
 Status : Answered  
 Chosen Option : 1

**Q.11** The value of  $25 \div 15 \text{ of } 4 \times [4 \div 5 \times (9 - 7)] - (20 \div 5 \text{ of } 9)$  is:

- Ans**
- 1.  $\frac{2}{3}$
  - 2.  $\frac{1}{3}$
  - 3.  $\frac{2}{9}$
  - 4.  $\frac{4}{9}$

Question ID : 81616113970  
 Status : Answered  
 Chosen Option : 3

Q.12 If  $p - 2q = 3$  and  $pq = 5$ , then what is the value of  $(p^3 - 8q^3)$ ?

- Ans
- 1. -63
  - 2. 72
  - 3. 117
  - 4. 27

Question ID : 81616112466  
 Status : Answered  
 Chosen Option : 1

Q.13 A boat goes 27 km upstream and 33 km downstream in 6 hours. In the same time it can go 36 km upstream and 22 km downstream. How much time will it take to go 36 km upstream and 44 km downstream?

- Ans
- 1. 8 h 30 m
  - 2. 8 h 10 m
  - 3. 8 h
  - 4. 7 h 50 m

Question ID : 81616112463  
 Status : Not Answered  
 Chosen Option : --

Q.14 In a circle with centre O, AB and CD are two parallel chords on the same side of the diameter. If AB = 12 cm, CD = 18 cm and distance between the chords AB and CD is 3 cm, then find the radius of the circle (in cm).

- Ans
- 1. 12
  - 2.  $3\sqrt{13}$
  - 3. 15
  - 4. 9

Question ID : 81616112873  
 Status : Answered  
 Chosen Option : 1

Q.15 If  $x^2 + 4y^2 = 53$  and  $x - 2y = 5$ , then what is the value of  $x^3 - 8y^3$ ?

- Ans
- 1. 155
  - 2. 335
  - 3. -85
  - 4. 85

Question ID : 81616112871  
 Status : Answered  
 Chosen Option : 2

**Q.16** The value of  $4(\sin^4 30^\circ + \cos^4 30^\circ) - 3(\sin^2 45^\circ - 2 \cos^2 45^\circ)$  is:

- Ans
- 1. 0
  - 2. 4
  - 3. 2
  - 4. 1

Question ID : 81616114190  
 Status : Answered  
 Chosen Option : 2

**Q.17** Samir and Puneet can complete the same work in 10 days and 15 days respectively. The work was assigned for ₹4500. After working together for 3 days Samir and Puneet involved Ashok. The work was completed in total 5 days. What amount (in ₹) was paid to Ashok?

- Ans
- 1. 800
  - 2. 1500
  - 3. 750
  - 4. 1071

Question ID : 81616112866  
 Status : Answered  
 Chosen Option : 2

**Q.18** In  $\triangle ABC$ , D is the mid-point of side AC and E is a point on side AB such that EC bisects BD at F. If  $AE = 30$  cm, then the length of EB is:

- Ans
- 1. 20 cm
  - 2. 10 cm
  - 3. 18 cm
  - 4. 15 cm

Question ID : 81616114188  
 Status : Answered  
 Chosen Option : 2

**Q.19**  $\triangle ABC$  is inscribed in a circle with center O, such that  $\angle ACB = 115^\circ$ . O is joined to A. What is the measure of  $\angle OAB$ ?

- Ans
- 1.  $25^\circ$
  - 2.  $20^\circ$
  - 3.  $35^\circ$
  - 4.  $30^\circ$

Question ID : 81616114185  
 Status : Answered  
 Chosen Option : 1

**Q.20** A trader bought two articles for ₹490. He sold one at a loss of 20% and the other at a profit of 16%. If the selling price of both articles is same, then the cost price (in ₹) of the article sold at 20% loss is:

- Ans
- 1. 310
  - 2. 300
  - 3. 290
  - 4. 280

Question ID : 81616113974  
 Status : Answered  
 Chosen Option : 4

**Q.21** If a number is first increased by 15%, then reduced by 15%, it results in 782. If the same number is first reduced by 25%, then increased by 25% and again reduced by 20%, then what will be the resulting number?

- Ans
- 1. 712
  - 2. 150
  - 3. 750
  - 4. 600

Question ID : 81616112862  
 Status : Answered  
 Chosen Option : 4

**Q.22** Fourth proportion to 12, 18, and 6 is same as the third proportion to k and 6. What is the value of k?

- Ans
- 1.  $3\sqrt{6}$
  - 2. 4
  - 3. 13.5
  - 4. 3

Question ID : 81616112460  
 Status : Answered  
 Chosen Option : 2

**Q.23** Find the difference between squares of the greatest value and the smallest value of P if the number 5306P2 is divisible by 3.

- Ans
- 1. 6
  - 2. 36
  - 3. 68
  - 4. 60

Question ID : 81616112858  
 Status : Answered  
 Chosen Option : 4

**Q.24** The area of a square shaped field is  $1764 \text{ m}^2$ . The breadth of a rectangular park is  $\frac{1}{3}$ rd the side of the square field and its length is two times its breadth. What is the cost (in ₹) of levelling the park at ₹15 per  $\text{m}^2$ ?

- Ans**
- 1. 4290
  - 2. 4200
  - 3. 5880
  - 4. 4320

Question ID : 81616114181  
 Status : Answered  
 Chosen Option : 3

**Q.25** The value of  $\frac{\tan^2 30^\circ + \sin^2 90^\circ + \cot^2 60^\circ + \sin^2 30^\circ \cos^2 45^\circ}{\sin 60^\circ \cos 30^\circ - \cos 60^\circ \sin 30^\circ}$  is:

- Ans**
- 1.  $\frac{47}{12}$
  - 2.  $\frac{37}{12}$
  - 3.  $\frac{43}{12}$
  - 4.  $\frac{25}{12}$

Question ID : 81616113181  
 Status : Answered  
 Chosen Option : 3

Section : English Comprehension

**Q.1** Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

I asked Rahul that how far was his office from his home.

- Ans**
- 1. how far his office was
  - 2. No substitution required
  - 3. that how far his office is
  - 4. then how far was his office

Question ID : 81616112887  
 Status : Answered  
 Chosen Option : 3



**Q.2 Select the most appropriate meaning of the given idiom.**

**A storm in a teacup**

- Ans**
- 1. Disarranging the cutlery
  - 2. Unnecessary tension
  - 3. Lot of fuss that will soon be forgotten
  - 4. A sudden storm during teatime

Question ID : 81616112498  
Status : Answered  
Chosen Option : 2

**Q.3 Select the option that can be used as a one-word substitute for the given group of words.**

**A place in a large institution, for the care of those who are ill**

- Ans**
- 1. Hostel
  - 2. Infirmary
  - 3. Hangar
  - 4. Dormitory

Question ID : 81616112903  
Status : Answered  
Chosen Option : 2

**Q.4 Select the option that can be used as a one-word substitute for the given group of words.**

**A group of stars**

- Ans**
- 1. Astronomy
  - 2. Constellation
  - 3. Congregation
  - 4. Planets

Question ID : 81616112904  
Status : Answered  
Chosen Option : 2

**Q.5 Select the INCORRECTLY spelt word.**

- Ans**
- 1. Professional
  - 2. Electronics
  - 3. Dillemma
  - 4. Perpetuate

Question ID : 81616114017  
Status : Answered  
Chosen Option : 3

Q.6 Select the INCORRECTLY spelt word.

- Ans  1. Processing  
 2. Boundary  
 3. Photgraph  
 4. Competency

Question ID : 81616114016  
Status : Answered  
Chosen Option : 3

Q.7 Select the option that expresses the given sentence in reported speech.

"Is the door closed?" Alka asked Tarun.

- Ans  1. Alka asked Tarun is the door close.  
 2. Alka asked Tarun whether the door was closed.  
 3. Alka asked Tarun if the door is closed.  
 4. Alka asked Tarun whether she closed the door.

Question ID : 81616114199  
Status : Answered  
Chosen Option : 2

Q.8 Select the most appropriate option to fill in the blank.

We \_\_\_\_\_ the marks of the students on different subjects and compared their performance for the year.

- Ans  1. analysed  
 2. questioned  
 3. inspected  
 4. probed

Question ID : 81616114221  
Status : Answered  
Chosen Option : 1

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.

Raman putted the vegetables / in the frying pan / and after adding some water, / closed the lid.

- Ans  1. in the frying pan  
 2. closed the lid  
 3. and after adding some water  
 4. Raman putted the vegetables

Question ID : 81616112884  
Status : Answered  
Chosen Option : 4

Q.10 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. Whichever soonest made a traveller take off his cloak should be accounted the more powerful.
- B. They agreed to put the point to test.
- C. A dispute once arose between the wind and the sun to decide which was the stronger of the two.
- D. The wind began, and blew with all his might and sent a blast, cold and fierce as a storm.

- Ans
- 1. CDBA
  - 2. ACDB
  - 3. CBAD
  - 4. BCDA

Question ID : 81616114006  
Status : Answered  
Chosen Option : 3

Q.11 Select the most appropriate synonym of the given word.

Adjust

- Ans
- 1. Adapt
  - 2. Change
  - 3. Move
  - 4. Shift

Question ID : 81616114210  
Status : Answered  
Chosen Option : 1

Q.12 Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.

Among applied sciences, medicine is one which have given man some power over death.

- Ans
- 1. is one which has given
  - 2. No substitution required
  - 3. are one which given
  - 4. is the one which gave

Question ID : 81616114201  
Status : Answered  
Chosen Option : 1

Q.13 Select the option that expresses the given sentence in passive voice.

Help the needy people.

- Ans
- 1. Let the needy people being helped.
  - 2. The needy people are been helped.
  - 3. The needy people are helping.
  - 4. Let the needy people be helped.

Question ID : 81616112885  
Status : Answered  
Chosen Option : 4

Q.14 Select the most appropriate meaning of the given idiom.

At the eleventh hour

- Ans  1. One hour before midnight  
 2. At 11:00 p.m.  
 3. At the very last minute  
 4. At 11:00 a.m.

Question ID : 81616112497  
Status : Answered  
Chosen Option : 3

Q.15 Select the most appropriate option to fill in the blank.

My New Year's \_\_\_\_\_ is to think positive always.

- Ans  1. repetition  
 2. resolution  
 3. confession  
 4. celebration

Question ID : 81616112907  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate ANTONYM of the given word.

Magnificent

- Ans  1. Mighty  
 2. Modest  
 3. Grandiose  
 4. Opulent

Question ID : 81616112496  
Status : Answered  
Chosen Option : 2

Q.17 Select the most appropriate ANTONYM of the given word.

Hazard

- Ans  1. Gamble  
 2. Risk  
 3. Safety  
 4. Peril

Question ID : 81616114010  
Status : Answered  
Chosen Option : 3

**Q.18** 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.

The recruiters / were pleased / to John's / domain knowledge and personality.

- Ans**
- 1. to John's
  - 2. were pleased
  - 3. domain knowledge and personality
  - 4. The recruiters

Question ID : 81616112479  
Status : Answered  
Chosen Option : 1

**Q.19** 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. I was shocked to find my house unlocked.
- B. To my astonishment, I found that my son, who had a spare key, had come in my absence.
- C. Last Sunday I returned home late at night.
- D. I ran inside in fear that my house has been robbed.

- Ans**
- 1. BCDA
  - 2. ABCD
  - 3. CDAB
  - 4. CADB

Question ID : 81616112492  
Status : Answered  
Chosen Option : 4

**Q.20** Select the most appropriate synonym of the given word.

**Slack**

- Ans**
- 1. Lively
  - 2. Careless
  - 3. Keen
  - 4. Active

Question ID : 81616114211  
Status : Answered  
Chosen Option : 2

**Comprehension:**

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

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)\_\_\_\_\_ organically, so whatever you buy is (2)\_\_\_\_\_ farm produced as the (3)\_\_\_\_\_ of the population indulge in farming for (4)\_\_\_\_\_,," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)\_\_\_\_\_ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

**SubQuestion No : 21**

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

- Ans**
- 1. grows
  - 2. grow
  - 3. grew
  - 4. grown

Question ID : 81616114001  
Status : Answered  
Chosen Option : 4

**Comprehension:**

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

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)\_\_\_\_\_ organically, so whatever you buy is (2)\_\_\_\_\_ farm produced as the (3)\_\_\_\_\_ of the population indulge in farming for (4)\_\_\_\_\_,," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)\_\_\_\_\_ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

**SubQuestion No : 22**

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

- Ans**
- 1. locally
  - 2. nearly
  - 3. nearby
  - 4. closely

Question ID : 81616114002  
Status : Answered  
Chosen Option : 1

**Comprehension:**

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

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)\_\_\_\_\_ organically, so whatever you buy is (2)\_\_\_\_\_ farm produced as the (3)\_\_\_\_\_ of the population indulge in farming for (4)\_\_\_\_\_," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)\_\_\_\_\_ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

**SubQuestion No : 23**

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

- Ans**  1. mass  
 2. majority  
 3. community  
 4. common

Question ID : 81616114003  
Status : Answered  
Chosen Option : 2

**Comprehension:**

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

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)\_\_\_\_\_ organically, so whatever you buy is (2)\_\_\_\_\_ farm produced as the (3)\_\_\_\_\_ of the population indulge in farming for (4)\_\_\_\_\_," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)\_\_\_\_\_ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

**SubQuestion No : 24**

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

- Ans**  1. provision  
 2. conservation  
 3. nutrition  
 4. sustenance

Question ID : 81616114004  
Status : Answered  
Chosen Option : 4

**Comprehension:**

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

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)\_\_\_\_\_ organically, so whatever you buy is (2)\_\_\_\_\_ farm produced as the (3)\_\_\_\_\_ of the population indulge in farming for (4)\_\_\_\_\_," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)\_\_\_\_\_ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

**SubQuestion No : 25**

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

- Ans**
- 1. attires
  - 2. covering
  - 3. garments
  - 4. fashions

Question ID : 81616114005  
Status : Answered  
Chosen Option : 3

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