

## Combined Graduate Level Examination 2020 Tier-I

Roll Number	Join YouTube Channel
Venue Name	iON Digital Zone iDZ Chandpura
Exam Date	20/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

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### Section : General Intelligence and Reasoning

**Q.1** 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. 2, 5, 1, 4, 3  
☒ 3. 3, 5, 1, 2, 4  
☒ 4. 3, 5, 2, 4, 1

Question ID : 81616112506

Status : Answered

Chosen Option : 2

**Q.2** 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. Mother  
☒ 2. Mother's sister  
☒ 3. Father's sister  
☒ 4. Sister

Question ID : 81616113928

Status : Answered

Chosen Option : 3

**Q.3** 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. 124  
☒ 2. 126  
☒ 3. 128  
☒ 4. 122

Question ID : 81616113226

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.4** 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, m, k, b, c, c, d  
☒ 2. c, k, m, b, d, e, d  
☒ 3. c, k, k, b, d, e, d  
☒ 4. c, m, k, b, d, e, d

Question ID : 81616113927

Status : Answered

Chosen Option : 4

**Q.5** Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

H G J Y T E K  
 M  
 |  
 N

- Ans ☒ 1. K E T Y J G H  
☒ 2. K E T Y J G H  
☒ 3. K E T Y J G H  
☒ 4. K E T Y J G H

Question ID : 81616113941

Status : Answered

Chosen Option : 4

**Q.6** 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 III follows  
☒ 2. Both conclusions I and IV follow  
☒ 3. Both conclusions I and II follow  
☒ 4. Only conclusion I follows

Question ID : 81616113222

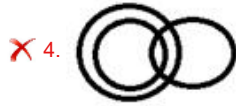
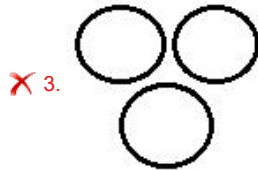
Status : Answered

Chosen Option : 1

**Q.7** Select the Venn diagram that best illustrates the relationship among the following classes.

Highlighter, Stationary, Eraser

**Ans**



Question ID : 81616113236

Status : Answered

Chosen Option : 2

**Q.8** 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.  $\times, \div, -, +, =, \times$

✗ 2.  $+, \times, +, -, =, \times$

✗ 3.  $\times, \div, +, =, -, \times$

✓ 4.  $\times, \div, +, -, =, \times$

Question ID : 81616113127

Status : Answered

Chosen Option : 4

**Q.9** In a certain code language, 'LIBERTY' is coded as '4221824364050'. How will 'SLAVERY' be coded in that language?

**Ans** ✗ 1. 22242636384050

✓ 2. 26222436384450

✗ 3. 26224233684540

✗ 4. 22262438365040

Question ID : 81616113118

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.10** 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. 82 : 236  
☒ 2. 68 : 196  
☒ 3. 54 : 152  
☒ 4. 36 : 98

Question ID : 81616113124

Status : **Not Attempted and Marked For Review**

Chosen Option : --

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

**Electricity : Television**

- Ans ☒ 1. Crops : Farmer  
☒ 2. Petrol : Car  
☒ 3. Diesel : Fuel  
☒ 4. Temperature : Refrigerator

Question ID : 81616113924

Status : **Answered**

Chosen Option : 2

**Q.12** 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 : ?**

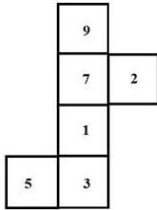
- Ans ☒ 1. 180  
☒ 2. 183  
☒ 3. 181  
☒ 4. 184

Question ID : 81616113224

Status : **Answered**

Chosen Option : 1

**Q.13** 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. 7

✗ 2. 1

✗ 3. 5

✗ 4. 9

Question ID : 81616113131

Status : Answered

Chosen Option : 1

**Q.14** In a certain code language, 'INHALE' is written as 'CNYJLK'. How will 'GUILTY' be written in that language?

**Ans** ✗ 1. WRNKSE

✗ 2. ARNGWE

✗ 3. IJKSVW

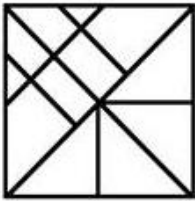
✓ 4. WVJKSI

Question ID : 81616113218

Status : Answered

Chosen Option : 4

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



**Ans** ✗ 1. 17

✗ 2. 21

✗ 3. 23

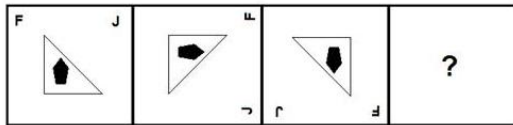
✓ 4. 19

Question ID : 81616113130

Status : Answered

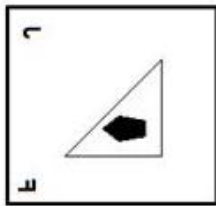
Chosen Option : 1

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

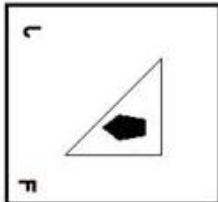


**Ans**

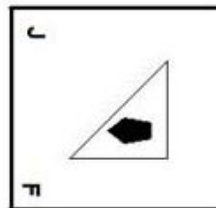
✗ 1.



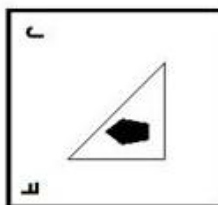
✗ 2.



✓ 3.



✗ 4.



Question ID : 81616112523

Status : Answered

Chosen Option : 3

**Q.17** Select the number from among the given options that can replace the question mark (?) in the following series.

13, 26, 52, 104, ?

**Ans** ✗ 1. 230

✓ 2. 208

✗ 3. 152

✗ 4. 196

Question ID : 81616112516

Status : Answered

Chosen Option : 2

**Q.18** 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. JLP  
☐ 2. LNQ  
☐ 3. CEH  
☐ 4. SUX

Question ID : **81616112507**  
Status : **Answered**  
Chosen Option : **1**

**Q.19** 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. (12, 136, 204)  
☐ 2. (4, 9, 12)  
☒ 3. (5, 18, 27)  
☐ 4. (7, 44, 66)

Question ID : **81616113126**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

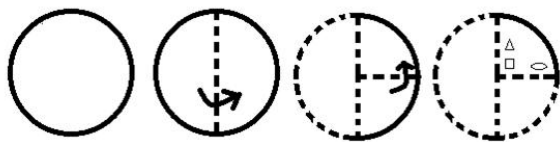
**Q.20** वह विकल्प चुनें जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।

मुर्गी : मुर्गा :: बत्तख : ?

- Ans** ☐ 1. भंवरा  
☐ 2. मोंक  
☐ 3. हिरन  
☒ 4. नर बत्तख

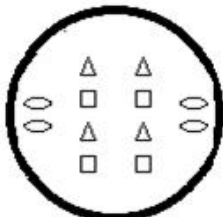
Question ID : **81616112509**  
Status : **Answered**  
Chosen Option : **4**

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

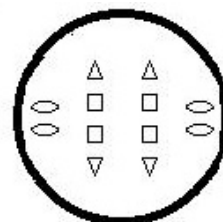


Ans

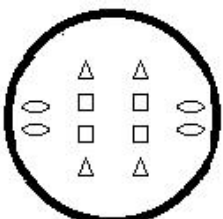
✗ 1.



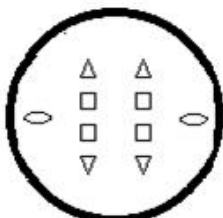
✓ 2.



✗ 3.



✗ 4.



Question ID : 81616113942

Status : Answered

Chosen Option : 2



**Q.22** Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 81616113940

Status : Answered

Chosen Option : 1

**Q.23** 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. DVQCPBSD

✓ 2. DVQCPBRD

✗ 3. DVPBPBRD

✗ 4. DVQCOASE

Question ID : 81616113919

Status : Answered

Chosen Option : 2

**Q.24** नीचे चार शब्द दिए गए हैं जिनमें से तीन किसी संदर्भ में एक समान हैं और उनमें से एक असंगत है। उस असंगत शब्द का चयन करें।

Ans ✗ 1. लोटी

✗ 2. नायरा

✗ 3. यूरो

✓ 4. पिंट

Question ID : 81616113114

Status : Answered

Chosen Option : 3

**Q.25** 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. ₹315
  - ☒ 2. ₹280
  - ☒ 3. ₹202
  - ☒ 4. ₹224

Question ID : **81616113936**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Section : **General Awareness**

**Q.1** In which of the following years were the first Commonwealth Games held in Canada?

- Ans**
- ☒ 1. 1956
  - ☒ 2. 1909
  - ☒ 3. 1930
  - ☒ 4. 1912

Question ID : **81616113258**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.2** 'Oolong' is a variant of \_\_\_\_.

- Ans**
- ☒ 1. tea
  - ☒ 2. rubber
  - ☒ 3. jute
  - ☒ 4. coffee

Question ID : **81616112541**

Status : **Answered**

Chosen Option : 3

**Q.3** Who is the author of the book, 'Walking with the Comrades'?

- Ans**
- ☒ 1. Sitaram Yechury
  - ☒ 2. Pupul Jayakar
  - ☒ 3. Prakash Karat
  - ☒ 4. Arundhati Roy

Question ID : **81616113961**

Status : **Answered**

Chosen Option : 2

**Q.4 Who among the following is the first ever woman fighter pilot to have taken part at a Republic Day Parade?**

- Ans**
- ☒ 1. Avani Chaturvedi
  - ☒ 2. Anny Divya
  - ☒ 3. Mohana Singh Jitarwal
  - ☒ 4. Bhawna Kanth

Question ID : **81616113967**  
Status : **Answered**  
Chosen Option : **4**

**Q.5 Virupaksha Temple is situated in which of the following districts of Karnataka?**

- Ans**
- ☒ 1. Bagalkot
  - ☒ 2. Chikkaballapur
  - ☒ 3. Ballari
  - ☒ 4. Bidar

Question ID : **81616113137**  
Status : **Answered**  
Chosen Option : **2**

**Q.6 Who among the following Sikh Gurus founded the Tarn Taran Sahib?**

- Ans**
- ☒ 1. Guru Arjan Dev
  - ☒ 2. Guru Gobind Sikh
  - ☒ 3. Guru Ram Das
  - ☒ 4. Guru Nanak Dev

Question ID : **81616113249**  
Status : **Answered**  
Chosen Option : **1**

**Q.7 \_\_\_\_\_ is the water transporting tissue in plants.**

- Ans**
- ☒ 1. Stele
  - ☒ 2. Xylem
  - ☒ 3. Phloem
  - ☒ 4. Cortex

Question ID : **81616113241**  
Status : **Answered**  
Chosen Option : **2**

**Q.8 At which of the following places did Lord Buddha attain enlightenment?**

- Ans**
- ☒ 1. Bodh Gaya
  - ☒ 2. Sarnath
  - ☒ 3. Rajgir
  - ☒ 4. Vaishali

Question ID : **81616113149**  
Status : **Answered**  
Chosen Option : **1**

**Q.9** How many states does the World Bank aided 'STARS' project under the New Education Policy initially propose to cover?

- Ans**
- ☐ 1. Four
  - ☐ 2. Eight
  - ☒ 3. Six
  - ☐ 4. Ten

Question ID : **81616112552**  
Status : **Answered**  
Chosen Option : **2**

**Q.10** Which of the following Himalayan peaks is NOT located in Nepal?

- Ans**
- ☐ 1. Annapurna
  - ☐ 2. Makalu
  - ☒ 3. Kamet
  - ☐ 4. Mount Everest

Question ID : **81616113954**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** AMRUT scheme was launched under the sanitation programme in 2015. What is the full form of AMRUT?

- Ans**
- ☐ 1. Aqua Mission for Rejuvenation and Urban Transmission
  - ☐ 2. Aqua Mission for Renewable and Ultra Transformation
  - ☐ 3. Amar Mission for Renewable and Ultra Transmission
  - ☒ 4. Atal Mission for Rejuvenation and Urban Transformation

Question ID : **81616113142**  
Status : **Answered**  
Chosen Option : **4**

**Q.12** Which of the following books was written by Panini?

- Ans**
- ☐ 1. Raghuvamsam
  - ☐ 2. Manusmriti
  - ☐ 3. Kathasaritsagara
  - ☒ 4. Ashtadhyayi

Question ID : **81616113958**  
Status : **Answered**  
Chosen Option : **4**

**Q.13** The 'Ecowrap report' was published in May 2020 by which of the following banks?

- Ans**
- ☐ 1. ICICI Bank
  - ☒ 2. SBI
  - ☐ 3. HDFC Bank
  - ☐ 4. RBI

Question ID : **81616113139**  
Status : **Answered**  
Chosen Option : **4**

**Q.14** 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. Jinko Solar  
☒ 2. Tata Solar  
☒ 3. Adani Green  
☒ 4. Waaree Energies

Question ID : **81616112554**  
Status : **Answered**  
Chosen Option : **3**

**Q.15** Who among the following is the first female from India to win a Grammy award?

- Ans** ☒ 1. Monali Thakur  
☒ 2. Tanvi Shah  
☒ 3. Palak Muchhal  
☒ 4. Neeti Mohan

Question ID : **81616112546**  
Status : **Answered**  
Chosen Option : **2**

**Q.16** Which of the following is the expanded form of the abbreviation 'Rep.' used in the text of the Constitution of India?

- Ans** ☒ 1. Repealed  
☒ 2. Report  
☒ 3. Representative  
☒ 4. Republic

Question ID : **81616113963**  
Status : **Answered**  
Chosen Option : **3**

**Q.17** In which of the following years was the Bombay Reorganization Act passed?

- Ans** ☒ 1. 1956  
☒ 2. 1980  
☒ 3. 1960  
☒ 4. 1975

Question ID : **81616113154**  
Status : **Answered**  
Chosen Option : **1**

**Q.18** Spider webs are made up of \_\_\_\_\_, a natural fibre made up of protein.

- Ans** ☒ 1. fur  
☒ 2. silk  
☒ 3. wool  
☒ 4. hair

Question ID : **81616113244**  
Status : **Answered**  
Chosen Option : **2**

**Q.19 Which of the following is a characteristic of conservative force?**

- Ans**
- ☐ 1. Work done by it in a round trip is not zero.
  - ☐ 2. Energy is dissipated as heat energy.
  - ☐ 3. Work done by it depends upon the path.
  - ☒ 4. Work done by it is completely recoverable.

Question ID : **81616112535**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.20 Who among the following became the first Indian javelin thrower to win an Asian Games gold medal in 2018?**

- Ans**
- ☐ 1. Shivpal Singh
  - ☒ 2. Neeraj Chopra
  - ☐ 3. Devender Singh
  - ☐ 4. Vipin Kasana

Question ID : **81616112550**

Status : **Answered**

Chosen Option : 2

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

- Ans**
- ☐ 1. Kanyakumari
  - ☒ 2. Madurai
  - ☐ 3. Kannur
  - ☐ 4. Puducherry

Question ID : **81616113237**

Status : **Answered**

Chosen Option : 4

**Q.22 Where is the Jai Hind bridge located in India?**

- Ans**
- ☐ 1. Hyderabad
  - ☐ 2. Mumbai
  - ☒ 3. Kolkata
  - ☐ 4. Chennai

Question ID : **81616113145**

Status : **Answered**

Chosen Option : 2

**Q.23 In the context of agricultural costs in India, what is MSP?**

- Ans**
- ☐ 1. Midterm Supply Plan
  - ☐ 2. Maximum Selling Price
  - ☐ 3. Model Stability Product
  - ☒ 4. Minimum Support Price

Question ID : **81616113946**

Status : **Answered**

Chosen Option : 4

**Q.24** In reference to atomicity, argon is:

- Ans**
- ☐ 1. diatomic
  - ☐ 2. polyatomic
  - ☐ 3. triatomic
  - ☒ 4. monoatomic

Question ID : **81616113952**  
Status : **Answered**  
Chosen Option : **3**

**Q.25** Who was the first Director-General of Archaeological Survey of India?

- Ans**
- ☐ 1. John Marshall
  - ☒ 2. Alexander Cunningham
  - ☐ 3. Lord Curzon
  - ☐ 4. Mortimer Wheeler

Question ID : **81616113252**  
Status : **Answered**  
Chosen Option : **2**

Section : **Quantitative Aptitude**

**Q.1** 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. 8
  - ☒ 2. 10
  - ☐ 3. 11
  - ☐ 4. 9

Question ID : **81616113174**  
Status : **Answered**  
Chosen Option : **2**

**Q.2** 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. 40
  - ☐ 2. 45
  - ☐ 3. 42
  - ☒ 4. 44

Question ID : **81616113983**  
Status : **Answered**  
Chosen Option : **4**

**Q.3** 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. 1579
  - ☒ 2. 1642
  - ☒ 3. 1728
  - ☒ 4. 1867

Question ID : 81616113168  
Status : **Answered**  
Chosen Option : 3

**Q.4** 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. 2401
  - ☒ 3. 2320
  - ☒ 4. 2482

Question ID : 81616113274  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.5** AB is a chord of a circle with centre O and P is any point on the circle. If  $\angle APB = 122^\circ$ , then what is the measure of  $\angle OAB$ ?

- Ans**
- ☒ 1.  $32^\circ$
  - ☒ 2.  $28^\circ$
  - ☒ 3.  $22^\circ$
  - ☒ 4.  $15^\circ$

Question ID : 81616113176  
Status : **Answered**  
Chosen Option : 1



**Q.6** 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. East and North  
☐ 2. West and South  
☐ 3. East and West  
☐ 4. North and South

Question ID : 81616112778

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.7** 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. ₹4127  
☐ 2. ₹4000  
☐ 3. ₹4522  
☒ 4. ₹4386

Question ID : 81616113265

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.8** 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

Question ID : 81616113161

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.9** 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. 4500
  - ☒ 3. 5000
  - ☒ 4. 4250

Question ID : 81616113165

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.10** 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  $\text{area}(\triangle PQR) : \text{area}(\triangle PEF)$  is equal to:

- Ans**
- ☒ 1. 9 : 4
  - ☒ 2. 3 : 2
  - ☒ 3. 5 : 2
  - ☒ 4. 25 : 4

Question ID : 81616112571

Status : **Answered**

Chosen Option : 4

**Q.11** The value of  $\sin^2 60^\circ \cos^2 45^\circ + 2 \tan^2 60^\circ - \operatorname{cosec}^2 30^\circ$  is equal to:

- Ans**
- ☒ 1.  $\frac{17}{24}$
  - ☒ 2.  $-\frac{17}{24}$
  - ☒ 3.  $\frac{19}{8}$
  - ☒ 4.  $-\frac{19}{8}$

Question ID : 81616113483

Status : **Answered**

Chosen Option : 3

**Q.12** 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. 0
  - ☒ 2. 3
  - ☒ 3. 2
  - ☒ 4. 1

Question ID : 81616113169

Status : **Answered**

Chosen Option : 3

Q.13

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

Ans

- ✓ 1.  $\frac{1}{10}$   
✗ 2.  $-\frac{1}{4}$   
✗ 3.  $\frac{1}{4}$   
✗ 4.  $-\frac{1}{10}$

Question ID : 81616113080

Status : Answered

Chosen Option : 1

Q.14 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. 2500  
✗ 2. 2575  
✗ 3. 2400  
✗ 4. 2250

Question ID : 81616112560

Status : Answered

Chosen Option : 1

Q.15

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

Ans

- ✗ 1. 108  
✓ 2. 144  
✗ 3. -108  
✗ 4. -144

Question ID : 81616112566

Status : Answered

Chosen Option : 2

**Q.16** 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.  $31\frac{7}{10}$

☒ 2.  $4\frac{3}{10}$

☐ 3.  $-\frac{1}{5}$

☐ 4.  $7\frac{3}{10}$

Question ID : **81616112556**

Status : **Answered**

Chosen Option : **3**

**Q.17** 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. 41

☐ 2. 31

☒ 3. 46

☐ 4. 36

Question ID : **81616113971**

Status : **Answered**

Chosen Option : **3**

**Q.18** 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. 3

☐ 2. 5

☐ 3. 2

☐ 4. 6

Question ID : **81616113271**

Status : **Answered**

Chosen Option : **1**

**Q.19** The value of  $\sec^4\theta(1 - \sin^4\theta) - 2\tan^2\theta$  is:

**Ans**

- ☒ 1.  $\frac{1}{2}$   
☒ 2. 1  
☒ 3. -1  
☒ 4. 0

Question ID : 81616113179

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.20** The side of an equilateral  $\triangle ABC$  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.  $6\sqrt{3}$   
☒ 3.  $7\sqrt{3}$   
☒ 4. 7

Question ID : 81616113986

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.21** 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. 2015, 2016  
☒ 2. 2015, 2019  
☒ 3. 2019  
☒ 4. 2016, 2018

Question ID : 81616112780

Status : **Answered**

Chosen Option : 3

**Q.22** 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. 82.5
  - ☒ 2. 123.75
  - ☒ 3. 120.75
  - ☒ 4. 125.5

Question ID : 81616113788

Status : Answered

Chosen Option : 1

**Q.23** 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.  $24\sqrt{5}$
  - ☒ 4.  $24\sqrt{10}$

Question ID : 81616113979

Status : Answered

Chosen Option : 1

**Q.24** 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. 49.3

 2. 50.2

 3. 45.5

 4. 48.4

Question ID : 81616113790


Status : Not Answered


Chosen Option : --

**Q.25** 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. 14 : 11

 2. 14 : 19

 3. 11 : 14

 4. 19 : 14

Question ID : 81616113268

Status : Answered

Chosen Option : 2

Section : English Comprehension

**Q.1** Select the INCORRECTLY spelt word.

Ans  1. Desperate

 2. Disastrous

 3. Dissapoint

 4. Discourage

Question ID : 81616112602

Status : Answered

Chosen Option : 3

**Q.2** 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. ADBC  
☒ 2. DABC  
☒ 3. ABCD  
☒ 4. ACBD

Question ID : **81616112592**  
Status : **Answered**  
Chosen Option : **1**

**Q.3** 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. in India  
☒ 2. is declaring a lockout  
☒ 3. One of  
☒ 4. the biggest enterprise

Question ID : **81616113187**  
Status : **Answered**  
Chosen Option : **4**

**Q.4** 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 scientist said that he wanted to study how bees and wasps found their way home.  
☒ 2. The French scientist said that he wants to study how bees and wasps found your way home.  
☒ 3. The French scientist said that I wanted to study how bees and wasps find their way home.  
☒ 4. The French scientist said that I want to study how bees and wasps found their way home.

Question ID : **81616113997**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** 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. Cargo  
☒ 2. Caravan  
☒ 3. Battery  
☒ 4. Cache

Question ID : **81616113206**  
Status : **Answered**  
Chosen Option : **2**



**Q.6** Select the most appropriate **ANTONYM** of the given word.

**Lavish**

- Ans**   ☒ 1. Moderate  
         ☐ 2. Generous  
         ☐ 3. Grand  
         ☐ 4. Excessive

Question ID : **81616112596**  
Status : **Answered**  
Chosen Option : **1**

**Q.7** Select the **INCORRECTLY** spelt word.

- Ans**   ☐ 1. Unison  
         ☐ 2. Liaison  
         ☒ 3. Ocation  
         ☐ 4. Vehemence

Question ID : **81616112603**  
Status : **Answered**  
Chosen Option : **3**

**Q.8** 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. perception  
         ☒ 2. perspective  
         ☐ 3. proportion  
         ☐ 4. prospective

Question ID : **81616114019**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** Select the most appropriate synonym of the given word.

**Breakthrough**

- Ans**   ☒ 1. Discovery  
         ☐ 2. Coincidence  
         ☐ 3. Accident  
         ☐ 4. Disaster

Question ID : **81616114009**  
Status : **Answered**  
Chosen Option : **1**

**Q.10** 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. don't mends  
☒ 2. doesn't mend  
☒ 3. do not mend  
☒ 4. No improvement required

Question ID : 81616113190  
Status : Answered  
Chosen Option : 4

**Q.11** Select the option that expresses the given sentence in passive voice.

They didn't repair my phone yesterday.

- Ans ☒ 1. My phone could not be repaired yesterday by them.  
☒ 2. My phone did not get repaired yesterday by them.  
☒ 3. My phone had not been repaired yesterday by them  
☒ 4. My phone was not repaired yesterday by them.

Question ID : 81616113188  
Status : Answered  
Chosen Option : 4

**Q.12** Select the most appropriate synonym of the given word.

Spill

- Ans ☒ 1. Feather  
☒ 2. Absorb  
☒ 3. Drop  
☒ 4. Filter

Question ID : 81616114008  
Status : Answered  
Chosen Option : 3

**Q.13** 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 he come to know that she damaged the toy on exhibit.

- Ans ☒ 1. No substitution  
☒ 2. he comes to knew  
☒ 3. he came to know  
☒ 4. he came to knew

Question ID : 81616113999  
Status : Answered  
Chosen Option : 3

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

**Through thick and thin**

- Ans**
- ☒ 1. With all kinds of people
  - ☒ 2. With humility
  - ☒ 3. With ego and pride
  - ☒ 4. Under all conditions

Question ID : **81616113305**

Status : **Answered**

Chosen Option : **4**

**Q.15** 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. Atheist
  - ☒ 2. Arbitrator
  - ☒ 3. Anarchist
  - ☒ 4. Auditor

Question ID : **81616113207**

Status : **Answered**

Chosen Option : **2**

**Q.16** Select the most appropriate meaning of the given idiom.

**On the horizon**

- Ans**
- ☒ 1. The successful beginning of a business venture
  - ☒ 2. An event that is likely to end soon
  - ☒ 3. A plan for the distant future
  - ☒ 4. An event that is likely to happen soon

Question ID : **81616113306**

Status : **Answered**

Chosen Option : **2**

**Q.17** Select the most appropriate option to fill in the blank.

**Do not \_\_\_\_\_ him; he has done no harm to you.**

- Ans**
- ☒ 1. accuse
  - ☒ 2. assure
  - ☒ 3. admire
  - ☒ 4. admit

Question ID : **81616113210**

Status : **Answered**

Chosen Option : **1**

**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. ACBD

✗ 2. ABCD

✗ 3. BCDA

✗ 4. BCAD

Question ID : 81616113300

Status : Answered

Chosen Option : 1

**Q.19** Select the most appropriate ANTONYM of the given word.

**Sabotage**

**Ans** ✗ 1. Damage

✓ 2. Create

✗ 3. Cripple

✗ 4. Destroy

Question ID : 81616113304

Status : Answered

Chosen Option : 2

**Q.20** 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. a cricket match

✗ 2. I never miss

✓ 3. from childhood

✗ 4. as I am fond of cricket

Question ID : 81616113287

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.

The muskmelon is (1)\_\_\_\_\_ perfect summer (2)\_\_\_\_\_. It is (3)\_\_\_\_\_ in water content which can help (4)\_\_\_\_\_ care of our (5)\_\_\_\_\_ fluid loss that we suffer in the hot season.

**SubQuestion No : 21**

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

- Ans ☒ 1. few  
☒ 2. a  
☒ 3. much  
☒ 4. an

Question ID : 81616112587

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.

The muskmelon is (1)\_\_\_\_\_ perfect summer (2)\_\_\_\_\_. It is (3)\_\_\_\_\_ in water content which can help (4)\_\_\_\_\_ care of our (5)\_\_\_\_\_ fluid loss that we suffer in the hot season.

**SubQuestion No : 22**

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

- Ans ☒ 1. disaster  
☒ 2. enemy  
☒ 3. companion  
☒ 4. hazard

Question ID : 81616112588

Status : Answered

Chosen Option : 3

**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.

The muskmelon is (1)\_\_\_\_\_ perfect summer (2)\_\_\_\_\_. It is (3)\_\_\_\_\_ in water content which can help (4)\_\_\_\_\_ care of our (5)\_\_\_\_\_ fluid loss that we suffer in the hot season.

**SubQuestion No : 23**

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

- Ans ☒ 1. wide  
☒ 2. lengthy  
☒ 3. poor  
☒ 4. rich

Question ID : 81616112589

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.

The muskmelon is (1)\_\_\_\_\_ perfect summer (2)\_\_\_\_\_. It is (3)\_\_\_\_\_ in water content which can help (4)\_\_\_\_\_ care of our (5)\_\_\_\_\_ fluid loss that we suffer in the hot season.

**SubQuestion No : 24****Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans**  1. took  
 2. like  
 3. look  
 4. take

Question ID : **81616112590**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.

The muskmelon is (1)\_\_\_\_\_ perfect summer (2)\_\_\_\_\_. It is (3)\_\_\_\_\_ in water content which can help (4)\_\_\_\_\_ care of our (5)\_\_\_\_\_ fluid loss that we suffer in the hot season.

**SubQuestion No : 25****Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans**  1. mind's  
 2. health's  
 3. heart's  
 4. body's

Question ID : **81616112591**Status : **Answered**Chosen Option : **4**