

Combined Graduate Level Examination 2021 Tier - I

Roll Number	Join Telegram For Free Material
Candidate Name	Join Telegram For Free Material
Venue Name	iON Digital Zone iDZ Luthergeri
Exam Date	13/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section : General Intelligence and Reasoning

Q.1 Seven friends, E, F, G, H, I, J and K, are sitting along a circular table facing towards the centre. F and I are sitting to the immediate left and right of G, respectively. H is sitting third to the left of G. E and I are the neighbours of J. Who is sitting to the immediate right of H?

- Ans
- ☐ 1. H
 - ☐ 2. F
 - ☒ 3. K
 - ☐ 4. E

Question ID : 65497842776

Status : Answered

Chosen Option : 3

Q.2 In a certain code language, 'ONION' is coded as 201 and 'POTATO' is coded as 261. How will 'MANGO' be coded in that language?

- Ans
- ☐ 1. 208
 - ☐ 2. 178
 - ☒ 3. 150
 - ☐ 4. 228

Question ID : 65497842469

Status : Answered

Chosen Option : 3

Q.3 A cube of side 49 cm is painted purple on all the faces and then cut into smaller cubes of sides 7 cm each. Find the number of smaller cubes having only one face painted.

- Ans
- ☐ 1. 100
 - ☐ 2. 25
 - ☐ 3. 50
 - ☒ 4. 150

Question ID : 65497842888

Status : Not Answered

Chosen Option : --

Q.4 In a certain code language, 'first of all' is written as 'kan dan san', 'who is first' is written as 'zan kan ven', and 'this is pale' is written as 'ven gen len'. How will 'who' be written in that language?

Ans ✓ 1. zan

✗ 2. yen

✗ 3. kan

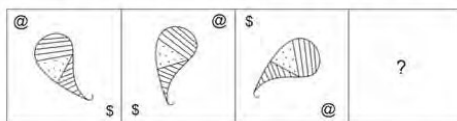
✗ 4. gen

Question ID : 65497843177

Status : Answered

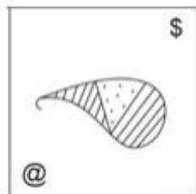
Chosen Option : 1

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series.

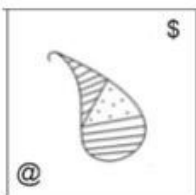


Ans

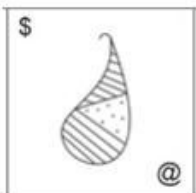
✓ 1.



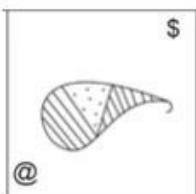
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497842786

Status : Answered

Chosen Option : 1

Q.6 Five years ago, the ratio of the ages of Tarun and Saurabh was 4 : 1. After five years, the ratio of their ages will be 2 : 1. What is the present age (in years) of Saurabh?

- Ans ☒ 1. 14
☒ 2. 10
☒ 3. 8
☒ 4. 12

Question ID : 65497842579
Status : Answered
Chosen Option : 2

Q.7 Mahesh is the father of Riva and paternal grandfather of Vansh. Aakash is the brother of Riva and father of Vansh and Ritu. Ritu is the only daughter of Aakash and Maya. How is Maya related to Mahesh?

- Ans ☒ 1. Daughter-in-law
☒ 2. Aunt
☒ 3. Sister
☒ 4. Daughter

Question ID : 65497842775
Status : Answered
Chosen Option : 1

Q.8 Which two numbers need to be interchanged to make the following equation correct?

$$7 + 56 \div 8 \times 2 - 13 = 11$$

- Ans ☒ 1. 7 and 13
☒ 2. 7 and 2
☒ 3. 8 and 2
☒ 4. 7 and 8

Question ID : 65497842783
Status : Answered
Chosen Option : 4

Q.9 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15 9 144
18 12 ?
22 17 195

- Ans ☒ 1. 188
☒ 2. 255
☒ 3. 180
☒ 4. 224

Question ID : 65497843186
Status : Answered
Chosen Option : 3

Q.10 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:

Some pencils are pens.

All pens are papers.

All pencils are colours.

Conclusions:

I. All colours are pens.

II. Some colours are pencils.

III. Some papers are pens.

Ans



1. Only conclusion II follows.



2. All conclusions I, II and III follow.



3. Only conclusions II and III follow.



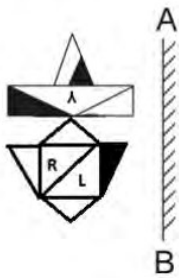
4. Only conclusions I and II follow.

Question ID : 65497842878

Status : **Answered**

Chosen Option : 3

Q.11 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

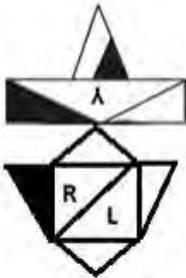


Ans

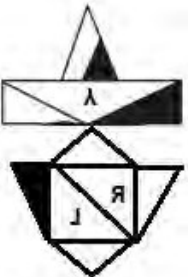
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497842789
Status : Answered
Chosen Option : 1

Q.12 Sahasra started running from her house towards the north. After 40 meters she turned left and ran for 75 meters. She then turned right and ran for 30 meters, and again turned right to run 75 meters. In which direction was she running finally?

- Ans**
- ☐ 1. South
 - ☐ 2. North
 - ☐ 3. West
 - ☒ 4. East

Question ID : 65497842482
Status : Answered
Chosen Option : 4

Q.13 Select the number from among the given options that can replace the question mark (?) in the following series.

61, 99, 152, 222, 312, ?

- Ans**
- ☐ 1. 452
 - ☒ 2. 426
 - ☐ 3. 398
 - ☐ 4. 412

Question ID : 65497843182
Status : Answered
Chosen Option : 2

Q.14 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the given equation correct.

$88 * 120 * 42 * 240 * 48 * 2$

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

Question ID : 65497842885
Status : Answered
Chosen Option : 4

Q.15 Select the number from among the given options that can replace the question mark (?) in the following series.


298, 217, 168, 143, ?

- Ans**
- ☐ 1. 138
 - ☒ 2. 134
 - ☐ 3. 112
 - ☐ 4. 128

Question ID : 65497842880
Status : Answered
Chosen Option : 2

Q.16 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Treatment
2. Recovery
3. Virus
4. Symptoms
5. Infection

Ans  1. 3, 5, 4, 2, 1
 2. 3, 5, 4, 1, 2
 3. 2, 5, 1, 4, 5
 4. 4, 5, 3, 1, 2





Question ID : 65497843273
Status : Answered
Chosen Option : 2

Q.17 In a certain code language, 'FLASK' is written as 'IPFYR'. How will 'TOURS' be written in that language?

Ans  1. WSZXZ
 2. WSYYZ
 3. WTZXZ
 4. WRZXY

Question ID : 65497843377
Status : Answered
Chosen Option : 1

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.

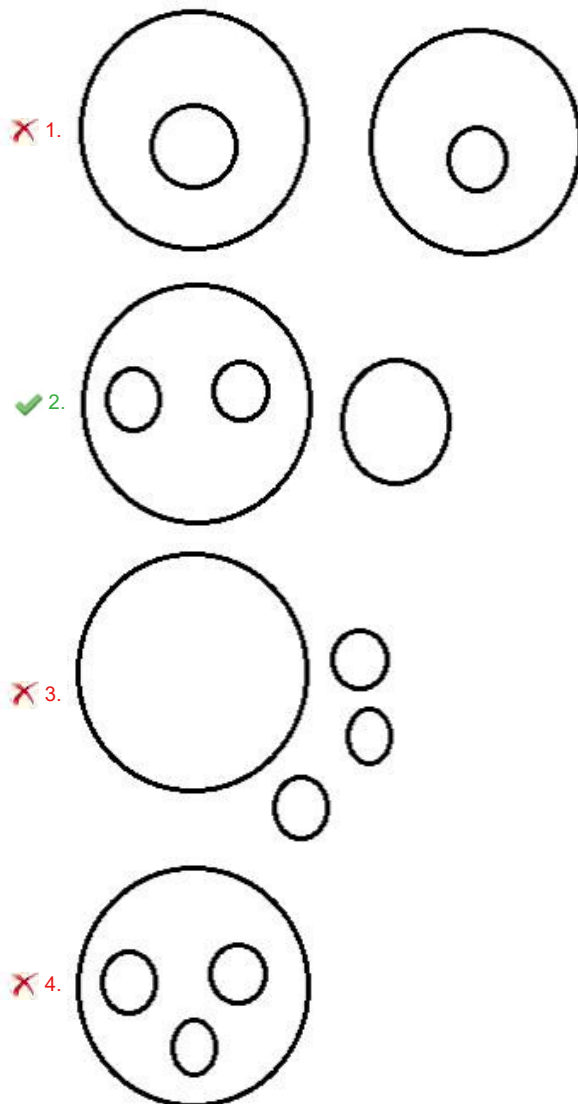
Ans  1. VZDHN
 2. KOSWA
 3. BFJNR
 4. QUYCG

Question ID : 65497843173
Status : Answered
Chosen Option : 1

Q.19 Select the Venn diagram that best represents the relationship between the following.

Noncommunicable diseases, Cataract, Diabetes, Measles

Ans



Question ID : 65497842589

Status : Not Answered

Chosen Option : --

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

r _ k n _ c _ _ h _ _ b c b t _ k _ b c b

Ans

1. h b b s k n h c

2. h c b s k n b n

3. h b b s k n h n

4. h b c q k n h n

Question ID : 65497843380

Status : Answered

Chosen Option : 3

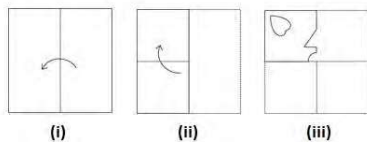
Q.21 Select the option that is related to the third number in the same way as the second number is related to the first number.

68 : 19 :: 164 : ?

- Ans**
- ☒ 1. 41
 - ☒ 2. 43
 - ☒ 3. 39
 - ☒ 4. 45

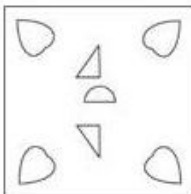
Question ID : 65497842477
Status : Not Answered
Chosen Option : --

Q.22 The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).

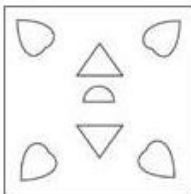


Ans

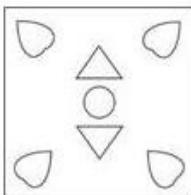
☒ 1.



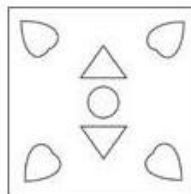
☒ 2.



☒ 3.



☒ 4.



Question ID : 65497842487
Status : Answered
Chosen Option : 4

Q.23 Select the option that is NOT embedded in the given figure (X) (rotation is NOT allowed).



Ans



Question ID : 65497843192

Status : Answered

Chosen Option : 2

Q.24 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CAF, HEJ, SIQ, XMU, CQF, ?

Ans ☒ 1. MUU

☒ 2. HJJ

☒ 3. TUK

☒ 4. MUJ

Question ID : 65497842868

Status : Answered

Chosen Option : 2

Q.25 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter cluster.

RJB : TGF :: QPG : ?

Ans ☒ 1. SMK

☒ 2. SOJ

☒ 3. TNJ

☒ 4. RMK

Question ID : 65497842568

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 Which of the following became the second state in the country to achieve 100% functional household tap connections (FHTCs)?

- Ans**
- ☒ 1. Kerala
 - ☒ 2. Sikkim
 - ☒ 3. Telangana
 - ☒ 4. Mizoram

Question ID : 65497843202
Status : Not Answered
Chosen Option : --

Q.2 Which of the following is an Indian 'not for profit' organisation, working on sustainable solutions to make sanitation and water accessible to all?

- Ans**
- ☒ 1. Pratham
 - ☒ 2. Helpage India
 - ☒ 3. Goonj
 - ☒ 4. Sulabh International

Question ID : 65497842801
Status : Answered
Chosen Option : 4

Q.3 Which of the following legislations ought to allow senior Indian magistrates to preside over cases involving British subjects in India?

- Ans**
- ☒ 1. Ilbert Bill, 1884
 - ☒ 2. Ingress into India Ordinance, 1914
 - ☒ 3. Government of India Act, 1919
 - ☒ 4. Age of Consent Act, 1891

Question ID : 65497842908
Status : Not Answered
Chosen Option : --

Q.4 The _____ is the extended margin of each continent occupied by relatively shallow seas and gulfs.

- Ans**
- ☒ 1. deep sea plain
 - ☒ 2. oceanic deeps
 - ☒ 3. continental slope
 - ☒ 4. continental shelf

Question ID : 65497843209
Status : Not Answered
Chosen Option : --

Q.5 As per Economic Survey 2020–21, India entered the top 50 innovating countries for the first time in _____ since the inception of the Global Innovation Index in 2007.

- Ans ☒ 1. 2019
☒ 2. 2018
☒ 3. 2020
☒ 4. 2017

Question ID : 65497842593
Status : Answered
Chosen Option : 3

Q.6 Who among the following freedom fighters hoisted the Indian flag at the Gowalia Tank Maidan in Mumbai during the Quit India Movement?

- Ans ☒ 1. Aruna Asaf Ali
☒ 2. Sarojini Naidu
☒ 3. Tara Rani Srivastava
☒ 4. Matangini Hazra

Question ID : 65497842505
Status : Not Answered
Chosen Option : --

Q.7 Which of the following animals has more than one heart?

- Ans ☒ 1. Porcupine
☒ 2. Chameleon
☒ 3. Tortoise
☒ 4. Octopus

Question ID : 65497842496
Status : Answered
Chosen Option : 2

Q.8 Who among the following defeated Harshavardhana when he invaded the Chalukya kingdom in the Deccan?

- Ans ☒ 1. Mangalesha
☒ 2. Pulakesin II
☒ 3. Vikramaditya I
☒ 4. Kirtivarman I

Question ID : 65497843210
Status : Not Answered
Chosen Option : --

Q.9 _____ is defined as the temperature to which the air would have to cool (at constant pressure and constant water vapour content) in order to reach saturation.

Ans ☒ 1. Dew point temperature

☐ 2. Air temperature

☐ 3. Relative humidity

☐ 4. Surface temperature

Question ID : 65497842600

Status : Answered

Chosen Option : 3

Q.10 Who became the first player to hit 350 sixes during IPL2021?

Ans ☐ 1. AB de Villiers

☐ 2. MS Dhoni

☒ 3. Chris Gayle

☐ 4. Rohit Sharma

Question ID : 65497842916

Status : Answered

Chosen Option : 1

Q.11 The 60th Amendment to the Constitution of India increased the ceiling of profession tax from ₹ 250 p.a. to _____ p.a.

Ans ☐ 1. ₹7,000

☐ 2. ₹5,000

☐ 3. ₹1,000

☒ 4. ₹2,500

Question ID : 65497842509

Status : Not Answered

Chosen Option : --

Q.12 Who among the following was named Wisden Almanack's ODI player of the 2010s in April 2021?

Ans ☒ 1. Virat Kohli

☐ 2. Rahul Dravid

☐ 3. Sachin Tendulkar

☐ 4. MS Dhoni

Question ID : 65497842609

Status : Answered

Chosen Option : 1

Q.13 The salinity of ocean waters is calculated as the amount of salt (in gm) dissolved in _____ gm of seawater.

- Ans** ☒ 1. 10,000
☒ 2. 1000
☒ 3. 100
☒ 4. 10

Question ID : **65497842803**
Status : **Answered**
Chosen Option : **1**

Q.14 What is the projected growth rate of Gross Domestic Product (GDP) for India in 2021 as given by The International Monetary Fund (IMF) in April 2021?

- Ans** ☒ 1. 13.7%
☒ 2. 10.2%
☒ 3. 11.6%
☒ 4. 12.5%

Question ID : **65497842796**
Status : **Answered**
Chosen Option : **1**

Q.15 Who among the following is the President of Federation of Indian Chambers of Commerce and Industries (FICCI) as of April 2021?

- Ans** ☒ 1. Uday Shankar
☒ 2. Deepak Parekh
☒ 3. Girish Chandra Chaturvedi
☒ 4. Rakesh Makhija

Question ID : **65497842809**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following is a book written by Avni Doshi?

- Ans** ☒ 1. In Other Words
☒ 2. Burnt Sugar
☒ 3. Unaccustomed Earth
☒ 4. Interpreter of Maladies

Question ID : **65497842507**
Status : **Not Answered**
Chosen Option : **--**

Q.17 India banned unregulated deposit schemes through an Act passed in the year ____.

Ans ☒ 1. 2019

☒ 2. 2016

☒ 3. 2017

☒ 4. 2018

Question ID : **65497842813**

Status : **Not Answered**

Chosen Option : --

Q.18 'Ummatt-aat' is a folk dance form performed in ____.

Ans ☒ 1. Kasauli

☒ 2. Coorg

☒ 3. Itanagar

☒ 4. Gangtok

Question ID : **65497843196**

Status : **Not Answered**

Chosen Option : --

Q.19 Who among the following Indian wrestlers became World No. 1 in 65-kg freestyle wrestling in March 2021?

Ans ☒ 1. Bajrang Punia

☒ 2. Sushil Kumar

☒ 3. Yogeshwar Dutt

☒ 4. Pawan Kumar

Question ID : **65497842614**

Status : **Answered**

Chosen Option : 1

Q.20 In which of the following years did the resolution at the Karachi Session of the Indian National Congress dwell on how Independent India's Constitution should look?

Ans ☒ 1. 1931

☒ 2. 1928

☒ 3. 1946

☒ 4. 1945

Question ID : **65497843218**

Status : **Answered**

Chosen Option : 1

Q.21 Which of the following is a characteristic of fibres in relation to plant anatomy?

- Ans** ☒ 1. Possess only pitted thickenings
☐ 2. Possess oblique end walls
☐ 3. Responsible for conduction and also mechanical support
☐ 4. Possess various shorted cells

Question ID : **65497842898**
Status : **Not Answered**
Chosen Option : --

Q.22 In which of the following Indian states will you find the Netarhat Mountains, also called 'Queen of Chotanagpur'?

- Ans** ☐ 1. West Bengal
☒ 2. Jharkhand
☐ 3. Odisha
☐ 4. Chhattisgarh

Question ID : **65497842905**
Status : **Answered**
Chosen Option : 3

Q.23 Under the Jal Jeevan Mission (JJM), what is the target year to provide Functional Household Tap Connection (FHTC) to every rural household in India?

- Ans** ☐ 1. 2025
☐ 2. 2022
☒ 3. 2024
☐ 4. 2023

Question ID : **65497842598**
Status : **Answered**
Chosen Option : 1

Q.24 _____ is one of the languages in which the denomination is printed on the reverse of a contemporary Indian currency note.

- Ans** ☐ 1. Burmese
☐ 2. Sinhala
☒ 3. Nepali
☐ 4. Dzongkha

Question ID : **65497842491**
Status : **Answered**
Chosen Option : 3

Q.25 In which of the following towns will you find the 'Kachari Ruins'?

- Ans
- ☐ 1. Shimla
 - ☐ 2. Bilaspur
 - ☐ 3. Gangtok
 - ☒ 4. Dimapur

Question ID : 65497842894
Status : Not Answered
Chosen Option : --

Section : Quantitative Aptitude

Q.1 A man bought toffees at 3 for a rupee. How many toffees for a rupee must he sell to gain 50%?

- Ans
- ☐ 1. 4
 - ☐ 2. 1
 - ☐ 3. 3
 - ☒ 4. 2

Question ID : 65497842823
Status : Answered
Chosen Option : 1

Q.2 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then the length of PB (in cm) is:

- Ans
- ☒ 1. 3
 - ☐ 2. 10
 - ☐ 3. 8
 - ☐ 4. 5

Question ID : 65497842933
Status : Answered
Chosen Option : 1

Q.3 In $\triangle ABC$, AB = 7 cm, BC = 10 cm, and AC = 8 cm. If AD is the angle bisector of $\angle BAC$, where D is a point on BC, then DC (in cm) = ?

- Ans
- ☐ 1. $\frac{14}{3}$
 - ☒ 2. $\frac{16}{3}$
 - ☐ 3. $\frac{11}{3}$
 - ☐ 4. $\frac{17}{3}$

Question ID : 65497842834
Status : Answered
Chosen Option : 2

Q.4 A tyre has 3 punctures. The first puncture alone would have made the tyre flat in 9 minutes, the second alone would have done it in 18 minutes, the third alone would have done it in 6 minutes. If the air leaks out at a constant rate, then how long (in minutes) does it take for all the punctures together to make it flat?

- Ans**
- ☒ 1. 2
 - ☒ 2. 6
 - ☒ 3. 4
 - ☒ 4. 3

Question ID : 65497842826
Status : Not Answered
Chosen Option : --

Q.5 The average of sixteen numbers is 48. The average of the first six of these numbers is 45 and that of the last seven numbers is 53. The seventh and the eighth numbers are, respectively, 3 and 7 greater than the ninth number. What is the average of the ninth and seventh numbers?

- Ans**
- ☒ 1. 41.5
 - ☒ 2. 40.5
 - ☒ 3. 42
 - ☒ 4. 39

Question ID : 65497844234
Status : Not Answered
Chosen Option : --

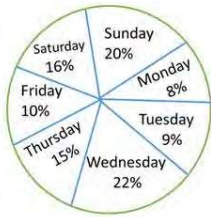
Q.6 A sum of ₹4,620 is to be paid back in 2 equal annual instalments. How much is each instalment (in ₹) if the interest is compounded annually at 10% per annum?

- Ans**
- ☒ 1. 2,420
 - ☒ 2. 2,552
 - ☒ 3. 2,662
 - ☒ 4. 2,750

Question ID : 65497843229
Status : Answered
Chosen Option : 3

Q.7 Study the given pie chart and answer the question that follows.

The pie chart represents the percentage-wise distribution of the total number of Vanilla cakes and Chocolate cakes sold everyday in a week. The total number of cakes sold in a week = 10500.



The ratio of the number of Vanilla cakes sold to the number of Chocolate cakes sold on Saturday is 4 : 3. the selling price of one Vanilla cake is ₹8 and that of one Chocolate cake is ₹15, then the total amount earned (in ₹) by selling all Vanilla cakes and Chocolate cakes on Saturday is:

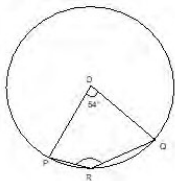
- Ans**
- ☒ 1. 14,880
 - ☒ 2. 10,488
 - ☒ 3. 20,000
 - ☒ 4. 18,480

Question ID : 65497842637

Status : Answered

Chosen Option : 4

Q.8 In the given figure, O is the centre of the circle. $\angle POQ = 54^\circ$. What is the measure (in degree) of $\angle PRQ$?



- Ans**
- ☒ 1. 235
 - ☒ 2. 137
 - ☒ 3. 207
 - ☒ 4. 153

Question ID : 65497843235

Status : Not Answered

Chosen Option : --

Q.9 A train covers a distance of 225 km in $2\frac{1}{2}$ hours at a uniform speed. The time taken by the train (in hours) to cover a distance of 630 km at the same speed is:

- Ans**
- ☒ 1. 5
 - ☒ 2. 7
 - ☒ 3. 6
 - ☒ 4. 4

Question ID : 65497842524

Status : Answered

Chosen Option : 2

Q.10 A and B are two prime numbers such that $A > B$ and their LCM is 209. The value of $B^2 - A$ is:

- Ans**
- ☒ 1. 111
 - ☒ 2. 102
 - ☒ 3. 121
 - ☒ 4. 109

Question ID : 65497842616
Status : Answered
Chosen Option : 2

Q.11 What will be the total cost (in ₹) of polishing the curved surface of a wooden cylinder at rate of ₹50 per m^2 , if its diameter is 70 cm and height is 6 m?

(Take $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 624
 - ☒ 2. 612
 - ☒ 3. 660
 - ☒ 4. 675

Question ID : 65497844242
Status : Answered
Chosen Option : 3

Q.12 If 8A5146B is divisible by 88, then what is the value of AB ?

- Ans**
- ☒ 1. 15
 - ☒ 2. 12
 - ☒ 3. 9
 - ☒ 4. 20

Question ID : 65497842918
Status : Answered
Chosen Option : 2

Q.13 The value of $\frac{48.3 \times [(4.95)^2 + 4.95 \times 13.25]}{[(12.55)^2 - (5.65)^2] \times 19.8}$ is:

- Ans**
- ☒ 1. 17.5
 - ☒ 2. 0.175
 - ☒ 3. 1.75
 - ☒ 4. 175

Question ID : 65497842617
Status : Answered
Chosen Option : 1

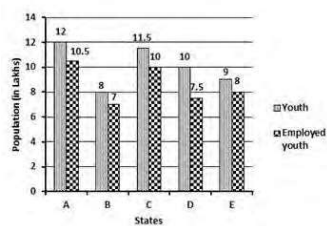
Q.14 The expression $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 3$ is equal to:

- Ans** ☒ 1. 0
☒ 2. 1
☒ 3. 2
☒ 4. -1

Question ID : 65497842836
Status : Answered
Chosen Option : 1

Q.15 The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

The number of employed youth in state B is what percentage of the number of employed youth in state E?



- Ans** ☒ 1. 87%
☒ 2. 85%
☒ 3. 88.5%
☒ 4. 87.5%

Question ID : 65497843646
Status : Answered
Chosen Option : 4

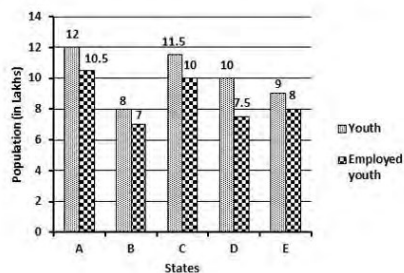
Q.16 From a point P on a level ground, the angle of elevation of the top of the tower is 30° . If the distance of point P from the foot of the tower is 510 m, then 50% of the height of the tower (in m) is:

- Ans** ☒ 1. 85
☒ 2. $\frac{85\sqrt{3}}{3}$
☒ 3. $85\sqrt{3}$
☒ 4. $150\sqrt{3}$

Question ID : 65497842635
Status : Answered
Chosen Option : 3

Q.17 The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states A and C taken together?



- Ans**
- ☒ 1. 2.8
 - ☒ 2. 3
 - ☒ 3. 2.25
 - ☒ 4. 2.85

Question ID : 65497842333
Status : Answered
Chosen Option : 2

Q.18 In $\triangle ABC$, D is a point on side BC such that $\angle ADC = \angle BAC$. If CA = 15 cm and CD = 9 cm, then CB (in cm) = ?

- Ans**
- ☒ 1. 15
 - ☒ 2. 25
 - ☒ 3. 12
 - ☒ 4. 10

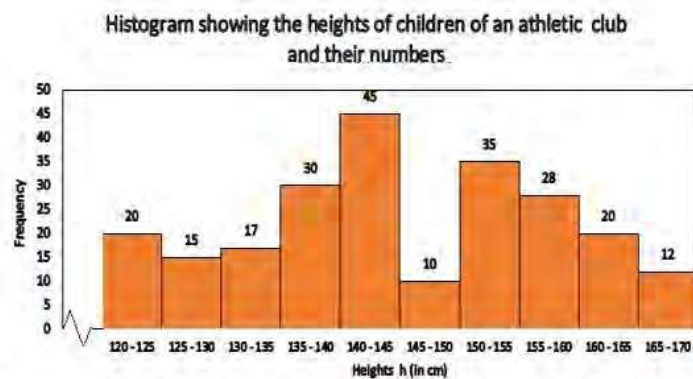
Question ID : 65497842530
Status : Answered
Chosen Option : 1

Q.19 If $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$, then the value of $(A^2 + B^2 + C^2)$ is:

- Ans**
- ☒ 1. 16
 - ☒ 2. 11
 - ☒ 3. 19
 - ☒ 4. 18

Question ID : 65497842829
Status : Answered
Chosen Option : 3

- Q.20** The given histogram shows the heights of 232 students of an athletic club and their numbers. Study the histogram carefully and answer the questions that follows.



What is the average height (in cm) of 32 tallest students of the athletic club?
Express your answer correct to one place of decimal.

- Ans**
- ☒ 1. 165.4
 - ☒ 2. 167.4
 - ☒ 3. 166.4
 - ☒ 4. 164.4

Question ID : 65497843245
Status : Not Answered
Chosen Option : --

- Q.21** P and Q start a shop with a capital of ₹1,50,000 and ₹4,50,000, respectively. After a year, out of the profit of ₹1,60,000, P gets his share of profit plus some money that is not a part of the profit, as his salary. If P gets a total of ₹70,000, what is the salary (in ₹) he received?

- Ans**
- ☒ 1. 40,000
 - ☒ 2. 30,000
 - ☒ 3. 25,000
 - ☒ 4. 50,000

Question ID : 65497842521
Status : Answered
Chosen Option : 2

- Q.22** If $x + y + z = 18$, $xyz = 81$ and $xy + yz + zx = 90$, then find the value of $\sqrt[3]{x^3 + y^3 + z^3 + 3xyz}$.

- Ans**
- ☒ 1. 6
 - ☒ 2. 12
 - ☒ 3. 9
 - ☒ 4. 10

Question ID : 65497842527
Status : Answered
Chosen Option : 1

Q.23 If $5 \sin \theta - 4 \cos \theta = 0$, $0^\circ < \theta < 90^\circ$, then the value of $\frac{5 \sin \theta - \cos \theta}{5 \sin \theta + 3 \cos \theta}$ is:

Ans

☒ 1. $\frac{2}{7}$

☒ 2. $\frac{3}{7}$

☒ 3. $\frac{6}{7}$

☒ 4. $\frac{4}{7}$

Question ID : 65497842532

Status : Answered

Chosen Option : 2

Q.24 A shopkeeper marks an article at a price 20% higher than its cost price and allows 10% discount. Find his gain percentage.

Ans

☒ 1. 9.5%

☒ 2. 8%

☒ 3. 9%

☒ 4. 10%

Question ID : 65497843730

Status : Answered

Chosen Option : 2

Q.25 A spends 65% of his income. His income is increased by 20.1% and the expenditure is increased by 20%. By what per cent (correct to one decimal place) does his saving increase or decrease?

Ans

☒ 1. Increase by 20.3%

☒ 2. Decrease by 17.7%

☒ 3. Increase by 21.5%

☒ 4. Decrease by 18.9%

Question ID : 65497842923

Status : Answered

Chosen Option : 1

Section : English Comprehension

Q.1 Select the most appropriate synonym of the given word.

Succulent

- Ans** ☒ 1. Decent
☒ 2. Coarse
☒ 3. Juicy
☒ 4. Foul

Question ID : 65497842556
Status : Not Answered
Chosen Option : --

Q.2 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Many a man has succumbed to his temptations.

- Ans** ☒ 1. men has
☒ 2. a men have
☒ 3. man has
☒ 4. No improvement required

Question ID : 65497842956
Status : Answered
Chosen Option : 3

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

Sharpness and accuracy of judgment

- Ans** ☒ 1. Experience
☒ 2. Estimation
☒ 3. Acumen
☒ 4. Knowledge

Question ID : 65497842865
Status : Answered
Chosen Option : 3

Q.4 Select the most appropriate meaning of the given idiom.

Hold the key

- Ans** ☒ 1. To own a property
☒ 2. To keep a secret
☒ 3. To have control of something
☒ 4. To have the right of succession

Question ID : 65497842963
Status : Answered
Chosen Option : 2

Q.5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My neighbour's grandson / is only / five month old.

- Ans ☒ 1. No error
- ☒ 2. My neighbour's grandson
- ☒ 3. is only
- ☒ 4. five month old

Question ID : 65497843550
Status : Answered
Chosen Option : 4

Q.6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

My father was always ordering about my sister.

- Ans ☒ 1. ordering on my sister
- ☒ 2. ordering my sister about
- ☒ 3. No improvement required
- ☒ 4. giving order for my sister

Question ID : 65497842654
Status : Answered
Chosen Option : 4

Q.7 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Correspondence
- ☒ 2. Miscellaneous
- ☒ 3. Exclamation
- ☒ 4. Disciplinarian

Question ID : 65497842867
Status : Answered
Chosen Option : 1

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

Something that is strong and lasts a long time without breaking or becoming weaker.

- Ans ☒ 1. Durable
- ☒ 2. Harsh
- ☒ 3. Pliable
- ☒ 4. Secure

Question ID : 65497842561
Status : Answered
Chosen Option : 1

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

You should / have respond / to my query / sooner.

- Ans**
- ☐ 1. to my query
 - ☐ 2. You should
 - ☒ 3. have respond
 - ☐ 4. sooner

Question ID : 65497842439
Status : Answered
Chosen Option : 3

Q.10 Select the option that gives the most appropriate meaning of the underlined idiom.

My friends succeeded because they **left no stone unturned** in their search for an answer to the problem.

- Ans**
- ☐ 1. depended on many people
 - ☒ 2. made every possible effort
 - ☐ 3. looked in different places
 - ☐ 4. proposed good plans

Question ID : 65497843267
Status : Answered
Chosen Option : 2

Q.11 Select the correct passive voice of the given sentence.

She is making a beautiful beaded curtain.

- Ans**
- ☐ 1. A beautiful beaded curtain was being made by her.
 - ☐ 2. A beautiful beaded curtain was made by her.
 - ☒ 3. A beautiful beaded curtain is being made by her.
 - ☐ 4. A beautiful beaded curtain is made by her.

Question ID : 65497842544
Status : Answered
Chosen Option : 3

Q.12 Select the correct active voice of the given sentence.

Rohan was pushed into the pool by Karan.

- Ans**
- ☐ 1. Karan was pushing Rohan into the pool.
 - ☐ 2. Rohan had pushed Karan into the pool.
 - ☒ 3. Karan pushed Rohan into the pool.
 - ☐ 4. Rohan pushed Karan into the pool.

Question ID : 65497842644
Status : Answered
Chosen Option : 3

Q.13 Select the most appropriate **ANTONYM** of the given word.

Rectify

Ans ☒ 1. **Corrupt**

☒ 2. **Select**

☒ 3. **Correct**

☒ 4. **Assist**

Question ID : **65497842961**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the correct indirect speech form of the given sentence.

The teacher said, "You must work hard for your exams."

Ans ☒ 1. **The teacher was advising her students to do work hard for their exams.**

☒ 2. **The teacher told students for working hard for their exams.**

☒ 3. **The teacher was telling her students to work hard for their exams.**

☒ 4. **The teacher advised her students to work hard for their exams.**

Question ID : **65497843258**

Status : **Answered**

Chosen Option : **4**

Q.15 Arrange the statements in the correct order to make a meaningful paragraph.

A. But, in developed societies, the childhood and adolescence is extended.

B. In rural communities, the customs are more uniform.

C. This provides more opportunities for education and character development.

D. The practices of child rearing vary from culture to culture.

Ans ☒ 1. **DABC**

☒ 2. **BADC**

☒ 3. **DBAC**

☒ 4. **BCDA**

Question ID : **65497842655**

Status : **Answered**

Chosen Option : **3**

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

Disrupt

Ans ☒ 1. **Breach**

☒ 2. **Injure**

☒ 3. **Arrange**

☒ 4. **Organise**

Question ID : **65497842656**

Status : **Answered**

Chosen Option : **1**

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

The crew / of sailors / were not perturbed / by the strong gale.

- Ans ☒ 1. of sailors
☒ 2. by the strong gale
☒ 3. The crew
☒ 4. were not perturbed

Question ID : 65497842541
Status : Answered
Chosen Option : 3

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The manager said, "Could you please / confirm me whether you / have received all the items / that you had ordered?"

- Ans ☒ 1. The manager said, "Could you please
☒ 2. that you had ordered
☒ 3. have received all the items
☒ 4. confirm me whether you

Question ID : 65497843249
Status : Answered
Chosen Option : 3

Q.19 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Contrary
☒ 2. Terribal
☒ 3. Longitude
☒ 4. Manners

Question ID : 65497842563
Status : Answered
Chosen Option : 2

Q.20 Select the most appropriate ANTONYM of the given word.

Negligent

- Ans ☒ 1. Faithful
☒ 2. Strange
☒ 3. Indifferent
☒ 4. Careful

Question ID : 65497843265
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) _____ touching the objects in his path and watching (2) _____ convert into gold. Once he got home, his daughter (3) _____ to greet him. As soon as he bent (4) _____ to scoop her up in his arms, she turned into a golden statue. He was (5) _____ and started crying and trying to bring his daughter back to life.

SubQuestion No : 21

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

- Ans ☒ 1. while
☐ 2. wayside
☐ 3. interval
☐ 4. bit

Question ID : 65497842849

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) _____ touching the objects in his path and watching (2) _____ convert into gold. Once he got home, his daughter (3) _____ to greet him. As soon as he bent (4) _____ to scoop her up in his arms, she turned into a golden statue. He was (5) _____ and started crying and trying to bring his daughter back to life.

SubQuestion No : 22

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

- Ans ☐ 1. there
☒ 2. them
☐ 3. their
☐ 4. those

Question ID : 65497842850

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) _____ touching the objects in his path and watching (2) _____ convert into gold. Once he got home, his daughter (3) _____ to greet him. As soon as he bent (4) _____ to scoop her up in his arms, she turned into a golden statue. He was (5) _____ and started crying and trying to bring his daughter back to life.

SubQuestion No : 23

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

- Ans ☒ 1. rushing
☒ 2. was rush
☒ 3. has rushed
☒ 4. rushed

Question ID : 65497842851
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) _____ touching the objects in his path and watching (2) _____ convert into gold. Once he got home, his daughter (3) _____ to greet him. As soon as he bent (4) _____ to scoop her up in his arms, she turned into a golden statue. He was (5) _____ and started crying and trying to bring his daughter back to life.

SubQuestion No : 24

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

- Ans ☒ 1. along
☒ 2. up
☒ 3. through
☒ 4. down

Question ID : 65497842852
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) _____ touching the objects in his path and watching (2) _____ convert into gold. Once he got home, his daughter (3) _____ to greet him. As soon as he bent (4) _____ to scoop her up in his arms, she turned into a golden statue. He was (5) _____ and started crying and trying to bring his daughter back to life.

SubQuestion No : 25

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

Ans  1. demolished

 2. devastated

 3. determined

 4. destroyed

Question ID : **65497842853**

Status : **Answered**

Chosen Option : **2**