Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

Section : **General Intelligence and Reasoning**

Q.1 Select the option that is related to the third number in the same way as the second number is related to the first number.

147 : 222 :: 158 : ?

Ans ✗ 1. 264

✗ 2. 225

✗ 3. 287

✓ 4. 233

Question ID : **65497844093**
Status : **Not Answered**
Chosen Option : **--**

Q.2 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. QPJ

✗ 2. YXS

✗ 3. SRM

✗ 4. RQL

Question ID : **65497842163**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Pediculate
2. Pandemonium
3. Pancytopenia
4. Panelist
5. Panegyric

Ans ✗ 1. 1, 3, 2, 5, 4

✓ 2. 3, 2, 5, 4, 1

✗ 3. 3, 2, 4, 5, 1

✗ 4. 2, 3, 5, 4, 1

Question ID : **65497844613**
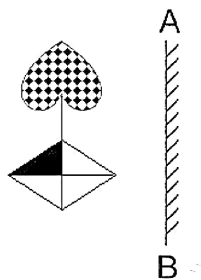Status : **Answered**
Chosen Option : **2**

Q.4 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LAS, NFW, MKD, OPH, LUS, ?

Ans   ✗ 1. NZH

    ✗ 2. MYX

    ✓ 3. NZW

    ✗ 4. MXW

Question ID : **65497842060**
Status : **Answered**
Chosen Option : **3**

Q.5 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 : **65497842284**
Status : **Answered**
Chosen Option : **2**

Q.6 In a certain code language, 'FILE' is coded as 8357 and 'SINK' is coded as 9364. How will 'NIKE' be coded in that language?

Ans ✗ 1. 3647

✗ 2. 6473

✓ 3. 6347

✗ 4. 6437

Question ID : **65497844085**
Status : **Not Answered**
Chosen Option : **--**

Q.7 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 telephones are mobiles.
All mobiles are tablets.
Some tablets are laptops.

Conclusions:
I. Some mobiles are laptops.
II. All telephones are tablets.
III. Some telephones are tablets.

Ans ✓ 1. Only conclusion III follows.

✗ 2. Only conclusions I and II follow.

✗ 3. Only conclusion II follows.

✗ 4. All conclusions I, II and III follow.

Question ID : **65497842070**
Status : **Answered**
Chosen Option : **1**

Q.8 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

9 7 9
5 4 7
43 26 ?

Ans ✗ 1. 48

✓ 2. 61

✗ 3. 35

✗ 4. 29

Question ID : **65497842176**
Status : **Answered**
Chosen Option : **2**

Q.9 Vinita and Amita are the sisters of Gaurav. Ashish is the father of Vinita. Ansh is the son of Amita. How is Ashish related to Ansh?

Ans ✗ 1. Maternal uncle

✗ 2. Paternal grandfather

✗ 3. Paternal uncle

✓ 4. Maternal grandfather

Question ID : **65497842270**

Status : **Answered**

Chosen Option : **4**

Q.10 Select the number from among the given options that can replace the question mark (?) in the following series.

38, 53, 70, 89, ?

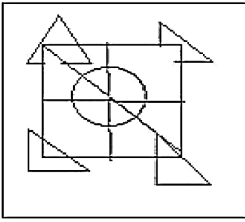**Ans** ✗ 1. 92

✓ 2. 110

✗ 3. 124

✗ 4. 98

Question ID : **65497842172**

Status : **Answered**

Chosen Option : **2**

Q.11 Select the option in which the given figure is embedded (rotation is NOT allowed).
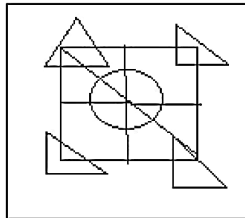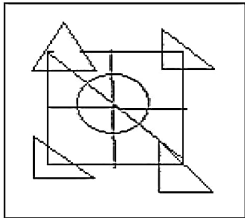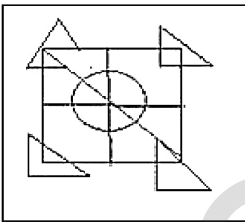
Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **65497842182**
Status : **Answered**
Chosen Option : **2**

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

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.
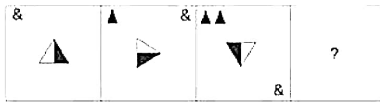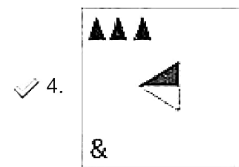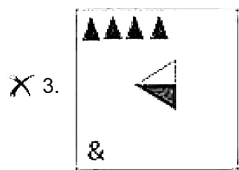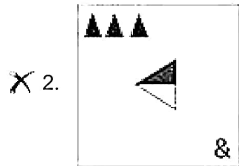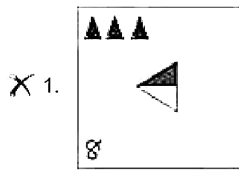
Question ID : **65497842281**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the Venn diagram that best illustrates the relationship between the following classes.

Plastic items, Buckets, Photo frames

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **65497843296**
Status : **Answered**
Chosen Option : **4**

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

22 * 110 * 392 * 49 * 18 * 12

Ans ✗ 1. =, ×, +, ÷, −

  ✓ 2. +, =, ÷, ×, −

  ✗ 3. +, ÷, =, −, ×

  ✗ 4. =, −, +, ÷, ×

Question ID : **65497842077**
Status : **Answered**
Chosen Option : **2**

Q.15 Prakash, Qadir, Ramesh, Saurabh and Tariq are friends. Ramesh is taller than Qadir but shorter than Saurabh. Prakash is the shortest, and Tariq is taller than Saurabh. Who is the tallest among them?

Ans ✓ 1. Tariq

  ✗ 2. Saurabh

  ✗ 3. Qadir

  ✗ 4. Ramesh

Question ID : **65497842271**
Status : **Answered**
Chosen Option : **1**

Q.16 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 : **65497844103**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the option that is related to the third term in the same way as the second term is related to the first term.

CARNATIC : SBDMZDJU :: FREEDOMS : ?

Ans ✓ 1. FSGVWTNP

✗ 2. FSGVXPNP

✗ 3. FSGUNPEV

✗ 4. GSFVWPEP

Question ID : **65497843275**
Status : **Answered**
Chosen Option : **1**

Q.18 A cube of side 18 cm is painted yellow on all the faces and then cut into smaller cubes of sides 3 cm each. Find the number of smaller cubes that have only two faces painted.

Ans ✗ 1. 36

✓ 2. 48

✗ 3. 20

✗ 4. 64

Question ID : **65497842080**
Status : **Answered**
Chosen Option : **2**

Q.19 Which two signs need to be interchanged to make the following equation correct?

189 ÷ 27 − 3 + 29 × 2 = 48

Ans ✓ 1. − and ×

✗ 2. − and +

✗ 3. + and ×

✗ 4. ÷ and −

Question ID : **65497842278**
Status : **Answered**
Chosen Option : **1**

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

18, 34, 66, 130, ?

Ans ✗ 1. 273

✗ 2. 178

✗ 3. 232

✓ 4. 258

Question ID : **65497842072**
Status : **Answered**
Chosen Option : **4**

Q.21 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

X _ U _ B _ O _ Z _ X _ U _ B

Ans ✗ 1. O X Z U B O Z

✗ 2. O Z X U B Z O

✗ 3. O Z X B U O Z

✓ 4. O Z X U B O Z

Question ID : **65497844289**
Status : **Answered**
Chosen Option : **4**

Q.22 In a certain code language, 'Min Fin Dig Jig' means 'Radha is an artist' and 'Sic Ric Min Dig Fin' means 'An artist is always open-minded'. Which of the following is the code for 'Radha'?

Ans ✗ 1. Dig

✗ 2. Fin

✗ 3. Min

✓ 4. Jig

Question ID : **65497842167**
Status : **Answered**
Chosen Option : **4**

Q.23 The radius of a circle is 90 cm. If the radius of this circle is increased to 99 cm, then what will be the percentage increase in the area of this circle?

Ans ✗ 1. 22.5%

✓ 2. 21%

✗ 3. 25%

✗ 4. 20%

Question ID : **65497843286**
Status : **Answered**
Chosen Option : **2**

Q.24 In a certain code language, 'NORMAL' is written as 'DIPKRO' and 'SOUND' is written as 'GKRPX'. How will 'CLUSTER' be written in that language?

Ans ✓ 1. FBOOVQX

✗ 2. BFOOVQX

✗ 3. BFOVOXQ

✗ 4. FOBOQVX

Question ID : **65497844286**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Vijendra walks a certain distance, say X metres, from his home towards the west. Then he turns left and walks 23 metres. After that, he turns left and walks 36 metres. Then he turns left again to walk 23 metres. He finally turns left and walks 18 metres to reach his home. Find the value of X.

Ans ✗ 1. 41

     ✓ 2. 18

     ✗ 3. 20

     ✗ 4. 22

Question ID : **65497844098**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following Articles of the Constitution of India deal with the right to equality?

Ans ✓ 1. 14 to 18

     ✗ 2. 25 to 28

     ✗ 3. 19 to 22

     ✗ 4. 23 to 24

Question ID : **65497842308**
Status : **Answered**
Chosen Option : **1**

Q.2 In September 2020, Cabinet Committee on Economic Affairs (CCEA) approved increasing MSP of _____ Rabi crops for the marketing season 2021-22.

Ans ✗ 1. two

     ✗ 2. eight

     ✓ 3. six

     ✗ 4. four

Question ID : **65497843300**
Status : **Answered**
Chosen Option : **1**

Q.3 Which of the following events in 2018 holds the Guinness World Record as being the largest annual fundraising event in the world (as of April 2021)?

Ans ✗ 1. Patagonian International Marathon

     ✗ 2. Schneider Electric Marathon de Paris

     ✓ 3. London Marathon

     ✗ 4. Baxters Loch Ness Marathon

Question ID : **65497843321**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which of the following Amendment Acts of the Constitution of India abolished the privy purses and privileges of former rulers of princely states?

Ans ✗ 1. 25th Amendment Act 1971

✓ 2. 26th Amendment Act 1971

✗ 3. 28th Amendment Act 1972

✗ 4. 27th Amendment Act 1971

Question ID : **65497844125**

Status : **Not Answered**

Chosen Option : **--**

Q.5 In which of the following years did the Indian army free Goa from the Portuguese?

Ans ✗ 1. 1956

✗ 2. 1959

✓ 3. 1961

✗ 4. 1967

Question ID : **65497844121**

Status : **Answered**

Chosen Option : **1**

Q.6 In order to prevent tooth decay safely and effectively by making use of water, it is subject to which of the following processes?

Ans ✗ 1. Iodisation

✓ 2. Fluoridation

✗ 3. Carbonisation

✗ 4. Chlorination

Question ID : **65497843307**

Status : **Not Answered**

Chosen Option : **--**

Q.7 The scientific name for the domestic _____ is Canis lupus familiaris.

Ans ✗ 1. buffalo

✗ 2. cat

✓ 3. dog

✗ 4. cow

Question ID : **65497842296**

Status : **Answered**

Chosen Option : **3**

Q.8 A celt is _____ from the Neolithic period.

Ans ✗ 1. a tomb

✗ 2. a house

✓ 3. a tool

✗ 4. an urn

Question ID : **65497842200**

Status : **Not Answered**

Chosen Option : **--**

Q.9 The Northeast Canyons and Seamounts Marine National Monument is located in the
_____.

Ans   ✗ 1. Arctic Ocean

       ✗ 2. Arabian Sea

       ✓ 3. Atlantic Ocean

       ✗ 4. Red Sea

> Question ID : **65497842199**
> Status : **Not Answered**
> Chosen Option : **--**

Q.10 GV Mavalankar was the Chairman of the _____ of the Constituent Assembly of India.

Ans   ✗ 1. Advisory Committee on Fundamental Rights, Minorities and Tribal and Excluded
Areas

       ✓ 2. Committee on the Functions

       ✗ 3. Order of Business Committee

       ✗ 4. Ad hoc Committee on the National Flag

> Question ID : **65497842208**
> Status : **Not Answered**
> Chosen Option : **--**

Q.11 Who among the following was nominated for the 30th GD Birla Award for Scientific
Research for his/her outstanding contribution to engineering science in April 2021?

Ans   ✗ 1. Chandrima Saha

       ✓ 2. Suman Chakraborty

       ✗ 3. Sanjay Mittal

       ✗ 4. Rajeev Kumar Varshney

> Question ID : **65497843316**
> Status : **Answered**
> Chosen Option : **4**

Q.12 Who among the following was appointed as the brand ambassador of Eat. fit in March
2021?

Ans   ✓ 1. Devdutt Padikkal

       ✗ 2. Virat Kohli

       ✗ 3. Deepika Padukone

       ✗ 4. Sonu Sood

> Question ID : **65497844123**
> Status : **Not Answered**
> Chosen Option : **--**

Q.13 Which of the following does NOT belong to 'Kingdom Fungi'?

Ans
- ✗ 1. Aspergillus
- ✗ 2. Rhizopus
- ✗ 3. Mucor
- ✓ 4. Euglena

Question ID : **65497842192**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The Swachh Swasth _____ is an initiative to achieve better health outcomes through improved sanitation, increased awareness and healthy lifestyles.

Ans
- ✗ 1. Samagra
- ✗ 2. Sansara
- ✓ 3. Sarvatra
- ✗ 4. Swarga

Question ID : **65497843305**
Status : **Not Answered**
Chosen Option : **--**

Q.15 As described in 'Ain-i-Akbari' by Abul Fazl-i-Allami, 'gaz' (unit of measuring length) was divided into equal parts called _____.

Ans
- ✓ 1. tassuj
- ✗ 2. liksha
- ✗ 3. rajahkan
- ✗ 4. angul

Question ID : **65497842100**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In March 2021, Bhavani Devi became the first Indian _____ to qualify for the Olympics.

Ans
- ✓ 1. fencer
- ✗ 2. golfer
- ✗ 3. boxer
- ✗ 4. swimmer

Question ID : **65497842108**
Status : **Answered**
Chosen Option : **3**

Q.17 Sikandra is the final resting place of Emperor _____.

Ans ✗ 1. Jahangir

✗ 2. Shah Jahan

✓ 3. Akbar

✗ 4. Humayun

Question ID : **65497842086**
Status : **Not Answered**
Chosen Option : --

Q.18 Prashant Bhushan, who was a founding member of the India Against Corruption movement, is a prominent Indian _____.

Ans ✗ 1. film director

✗ 2. sports commentator

✓ 3. lawyer

✗ 4. industrialist

Question ID : **65497842304**
Status : **Answered**
Chosen Option : **1**

Q.19 _____ is a popular folk dance of Minicoy Island.

Ans ✗ 1. Leshalaptu

✗ 2. Aaluyattu

✓ 3. Lava

✗ 4. Moyashai

Question ID : **65497842186**
Status : **Not Answered**
Chosen Option : --

Q.20 As per an estimate by the 'Food Waste Index Report 2021', released by the United Nations Environment Programme (UNEP) in March 2021, India wastes approximately _____ kg food per person per year.

Ans ✗ 1. 25

✗ 2. 100

✓ 3. 50

✗ 4. 20

Question ID : **65497842090**
Status : **Answered**
Chosen Option : **1**

Q.21 Koteshwar Hydroelectric Power Project is located on the river _____.

Ans   ✗ 1. Damodar

      ✓ 2. Bhagirathi

      ✗ 3. Gomti

      ✗ 4. Koshi

Question ID : **65497842298**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following is the main food crop of the semi-arid areas of central and southern India?

Ans   ✓ 1. Jowar

      ✗ 2. Maize

      ✗ 3. Bajra

      ✗ 4. Ragi

Question ID : **65497842097**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The National Rail Plan announced in the Union Budget of 2021-22 aims to create a future ready railway system by which of the following years?

Ans   ✗ 1. 2024

      ✓ 2. 2030

      ✗ 3. 2025

      ✗ 4. 2029

Question ID : **65497844107**
Status : **Answered**
Chosen Option : **1**

Q.24 The Union Budget 2021–22 has recommended a voluntary scrapping policy for vehicles based on fitness tests after a period of _____ years for personal vehicles.

Ans   ✗ 1. 10

      ✓ 2. 20

      ✗ 3. 15

      ✗ 4. 25

Question ID : **65497842291**
Status : **Answered**
Chosen Option : **1**

Q.25 Participation in which of the following activities is NOT recommended for the motor development of a student?

Ans ✗ 1. Playing cricket

✗ 2. Joining a dance class

✗ 3. Attending Yoga sessions

✓ 4. Helping the visually challenged

Question ID : **65497844112**

Status : **Answered**

Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 The tops of two poles of heights 18 m and 30.5 m are connected by a wire. If the wire makes an angle of 30° with the horizontal, what is the length (in m) of the wire?

Ans ✗ 1. 20

✓ 2. 25

✗ 3. 28

✗ 4. 36

Question ID : **65497843342**

Status : **Answered**

Chosen Option : **2**

Q.2 Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.
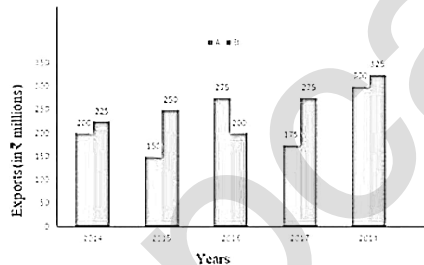
The total exports of cars of type A from 2014 to 2016 is approximately what percentage less than the total exports of cars of type B from 2015 to 2017 (correct to one decimal place)?

Ans ✗ 1. 10.4%

✗ 2. 11.7%

✗ 3. 11.3%

✓ 4. 13.8%

Question ID : **65497842638**

Status : **Answered**

Chosen Option : **4**

Q.3 Simplify the following expression:

$$\text{cosec}^4 A(1 - \cos^4 A) - 2\cot^2 A - 1$$

Ans ✗ 1. $\sin^2 A$

✗ 2. $\text{cosec}^2 A$

✗ 3. 1

✓ 4. 0

Question ID : **65497842331**
Status : **Not Answered**
Chosen Option : **--**

Q.4 The average of eleven consecutive positive integers is d. If the last two numbers are excluded, by how much will the average increase or decrease?

Ans ✓ 1. Will decrease by 1

✗ 2. Will increase by 2

✗ 3. Will decrease by 2

✗ 4. Will increase by 1

Question ID : **65497843022**
Status : **Answered**
Chosen Option : **1**

Q.5 The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.
Total number of employees of the corporate office = 2500
Study the chart carefully and answer the question that follows.

Pie-Chart presenting the information about the percentage distribution of a certain corporate office employees by their ages.

58+ years and above, 10%
19 to 28 years, 20%
48+ to 58 years, 15%
28+ to 38 years, 25%
38+ to 48 years, 30%
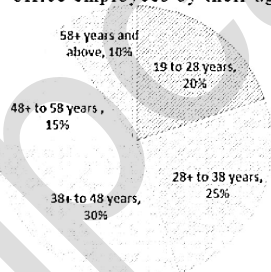
The number of the corporate office employees of age group of 38+ years and above is how much percentage more than that of 28+ to 38 years?

Ans ✗ 1. 80%

✗ 2. 150%

✓ 3. 120%

✗ 4. 20%

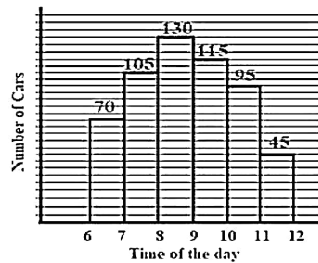Question ID : **65497843344**
Status : **Answered**
Chosen Option : **3**

Q.6 If 6 tanA (tanA + 1) = 5 - tanA, Given that $0 < A < \frac{\pi}{2}$ what is the value of (sinA + cosA)?

Ans

  ✗ 1. $3\sqrt{5}$

  ✗ 2. $\frac{5}{\sqrt{3}}$

  ✗ 3. $5\sqrt{3}$

  ✓ 4. $\frac{3}{\sqrt{5}}$

> Question ID : **65497844148**
> Status : **Answered**
> Chosen Option : **4**

Q.7 The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

What is the minimum change percentage in the number of cars in comparison to the previous hour? (correct to 2 decimal places)

Ans

  ✗ 1. 10.52%

  ✓ 2. 11.54%

  ✗ 3. 23.81%

  ✗ 4. 15.25%

> Question ID : **65497842235**
> Status : **Answered**
> Chosen Option : **2**

Q.8 Points A and B are on a circle with centre O. PA and PB are tangents to the circle from an external point P. If PA and PB are inclined to each other at 42°, then find the measure of ∠OAB.

Ans

  ✗ 1. $42°$

  ✓ 2. $21°$

  ✗ 3. $69°$

  ✗ 4. $25°$

> Question ID : **65497842225**
> Status : **Answered**
> Chosen Option : **2**

Q.9 A college hostel mess has provisions for 25 days for 350 boys. At the end of 10 days, when some boys were shifted to another hostel, it was found that now the provisions will last for 21 more days. How many boys were shifted to another hostel?

Ans ✗ 1. 92

✗ 2. 110

✗ 3. 98

✓ 4. 100

Question ID : **65497842321**
Status : **Answered**
Chosen Option : **4**

Q.10 If $\left(0.4x + \frac{1}{x}\right) = 5$, what is the value of $\left(0.064x^3 + \frac{1}{x^3}\right)$?

Ans ✗ 1. 125

✗ 2. 110

✓ 3. 119

✗ 4. 105

Question ID : **65497844143**
Status : **Answered**
Chosen Option : **3**

Q.11 Manjeet bought a second-hand motorbike for ₹22,000 and spent ₹3,000 on its overhauling and maintenance. He then sold it with 12% profit. If he had sold it for ₹500 less, then what would have been his profit percentage?

Ans ✗ 1. 10.5%

✓ 2. 10%

✗ 3. 5%

✗ 4. 8%

Question ID : **65497842318**
Status : **Answered**
Chosen Option : **2**

Q.12 The difference between compound interest compounded annually and simple interest on a certain sum at a rate of 15% per annum for 2 years is ₹1,944. Find the compound interest compounded annually (in ₹) on the same sum for the same period at a rate of 10% per annum.

Ans ✗ 1. 27,216

✗ 2. 18,060

✓ 3. 18,144

✗ 4. 20,500

Question ID : **65497842219**
Status : **Not Answered**
Chosen Option : **--**

Q.13 A shopkeeper allows a 28% discount on the marked price of an article and still makes a profit of 20%. If he gains ₹30.80 on the sale of one article, then what is the selling price (in ₹) of the article?

Ans
✓ 1. 184.80

✗ 2. 174.80

✗ 3. 164.30

✗ 4. 154.00

Question ID : **65497842922**
Status : **Answered**
Chosen Option : **1**

Q.14 The inner circumference of a circular path enclosed between two concentric circles is 264 m. The uniform width of the circular path is 3 m. What is the area (in m^2, to the nearest whole number) of the path? (Take $\pi = \frac{22}{7}$)

Ans
✗ 1. 696

✗ 2. 756

✓ 3. 820

✗ 4. 948

Question ID : **65497843030**
Status : **Answered**
Chosen Option : **3**

Q.15 A triangle with the lengths of its sides proportional to the numbers 7, 24 and 30 is:

Ans
✗ 1. acute angled

✓ 2. obtuse angled

✗ 3. not possible

✗ 4. right angled

Question ID : **65497844146**
Status : **Answered**
Chosen Option : **4**

Q.16 80% and 90% pure acid solutions are mixed to obtain 20 litres of 87% pure acid solution. Find the quantity (in litres) of 80% pure acid solution taken to form the mixture.

Ans
✗ 1. 4

✗ 2. 8

✓ 3. 6

✗ 4. 9

Question ID : **65497842115**
Status : **Answered**
Chosen Option : **3**

Q.17 In a circle with centre O, PA and PB are tangents to the circle at point A and point B, respectively. C is a point on the major arc AB. If ∠ACB = 50°, then find the measure of ∠APB.

Ans

✗ 1. 100°

✗ 2. 90°

✓ 3. 80°

✗ 4. 50°

Question ID : **65497842125**
Status : **Answered**
Chosen Option : **3**

Q.18 In a right triangle ABC, right angled at B, altitude BD is drawn to the hypotenuse AC of the triangle. If AD = 6 cm, CD = 5 cm, then find the value of $AB^2 - BD^2$ (in cm).

Ans

✗ 1. 30

✓ 2. 96

✗ 3. 36

✗ 4. 66

Question ID : **65497842329**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 Numbers A and B are 0% and 50%, respectively, more than the number C. The ratio of A to that of B is:

Ans

✗ 1. 4 : 5

✓ 2. 13 : 15

✗ 3. 15 : 13

✗ 4. 5 : 4

Question ID : **65497844137**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The given bar chart represents the number of Televisions Sets (TV) manufactured (in thousands) and the respective percentage of those TV Sets sold by five different companies A, B, C, D and E in 2015.

Study the chart carefully and answer the question that follows.
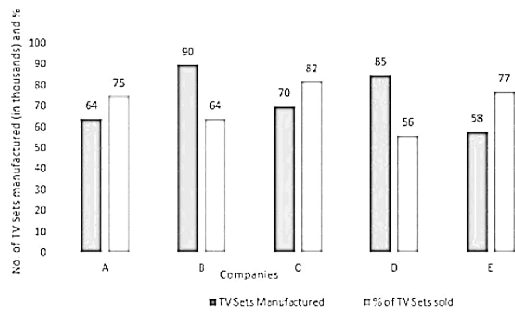
The average number of TV sets sold by companies C and D is what percentage of the number of TV sets manufactured by company E? Express your answer correct to one place of decimal.

Ans

✗ 1. 86.5%

✗ 2. 92.2%

✓ 3. 90.5%

✗ 4. 89.1%

Question ID : **65497843242**
Status : **Not Answered**
Chosen Option : **--**

Q.21 If $x^2 + \dfrac{1}{x^2} = 18, x > 0$, then find the value of $x^3 + \dfrac{1}{x^3}$.

Ans

✗ 1. 52

✗ 2. $17\sqrt{5}$

✓ 3. $34\sqrt{5}$

✗ 4. $46\sqrt{5}$

Question ID : **65497842324**
Status : **Answered**
Chosen Option : **3**

Q.22 The value of:

$$[25 + 8 \div 2 - \{16 \div (14 \text{ of } 7 \div 14) - (18 \div 12 \text{ of } \tfrac{1}{2})\}] = ?$$

Ans

✗ 1. 12

✗ 2. 6

✓ 3. 9

✗ 4. 3

Question ID : **65497843324**
Status : **Answered**
Chosen Option : **3**

Q.23 Find the value of k in the number 3426k if the number is divisible by 6 but NOT divisible by 5.

Ans ✗ 1. 4

✓ 2. 6

✗ 3. 3

✗ 4. 9

Question ID : **65497842110**

Status : **Answered**

Chosen Option : **2**

Q.24 Ram travelled from a place Z to P at an average speed of 130 km/h. He travelled the first 75% of the distance in two-third of the time and the rest at an average speed of X km/h. The value of $\frac{X}{2}$ is:

Ans ✗ 1. 51

✓ 2. 48.75

✗ 3. 97.5

✗ 4. 19.25

Question ID : **65497844140**

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

Chosen Option : **--**

Q.25 What is the least square number which is exactly divisible by 2, 3, 10, 18 and 20?

Ans ✓ 1. 900

✗ 2. 180

✗ 3. 196

✗ 4. 30

Question ID : **65497843323**

Status : **Answered**

Chosen Option : **1**

Section : **English Comprehension**

Q.1 Identify the segment in the sentence which contains a grammatical error.

My friends are gone on a trip to Goa today.

Ans ✗ 1. My friends

✓ 2. are gone

✗ 3. on a trip

✗ 4. to Goa today

Question ID : **65497844157**

Status : **Answered**

Chosen Option : **2**

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

As I am hearing the lecture it reminded me of a book I had read two years ago.

Ans ✗ 1. As I have heard

✗ 2. When I hear

✓ 3. As I heard

✗ 4. No substitution required

Question ID : **65497842148**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the most appropriate ANTONYM of the given word.

Brittle

Ans ✗ 1. Frail

✗ 2. Fragile

✓ 3. Durable

✗ 4. Crumbling

Question ID : **65497842153**
Status : **Answered**
Chosen Option : **3**

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

Smooth sailing

Ans ✓ 1. Easy progress

✗ 2. Calm weather

✗ 3. Comfortable place

✗ 4. Plain dress

Question ID : **65497842257**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the option that expresses the given sentence in passive voice.

Ask him to leave the room.

Ans ✗ 1. He should be ask to leave the room.

✓ 2. He should be asked to leave the room.

✗ 3. He should be asking to leave the room.

✗ 4. He should have been asked to leave the room.

Question ID : **65497844160**
Status : **Answered**
Chosen Option : **2**

Q.6 The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

Sunil refused to / attend the meeting / of association on Saturday.

Ans ✗ 1. No error

✗ 2. Sunil refused to

✓ 3. of association on Saturday

✗ 4. attend the meeting

Question ID : **65497842239**
Status : **Answered**
Chosen Option : **3**

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

Saucy

Ans ✗ 1. Tasty

✗ 2. Polite

✗ 3. Smooth

✓ 4. Cheeky

Question ID : **65497843363**
Status : **Answered**
Chosen Option : **4**

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

Pliable

Ans ✗ 1. Even

✗ 2. Smooth

✗ 3. Bending

✓ 4. Rigid

Question ID : **65497842255**
Status : **Answered**
Chosen Option : **4**

Q.9 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.

This hall is / badly to need / of repair.

Ans ✓ 1. badly to need

✗ 2. No error

✗ 3. This hall is

✗ 4. of repair

Question ID : **65497842035**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

Easily hurt emotionally

Ans ✗ 1. Senseless

✗ 2. Sensible

✗ 3. Incensed

✓ 4. Sensitive

Question ID : **65497842360**
Status : **Answered**
Chosen Option : **4**

Q.11 Identify the segment in the sentence which contains the grammatical error.

Alex picked up the boxes quite easily even they were heavy.

Ans ✗ 1. the boxes

✗ 2. quite easily

✓ 3. even they were heavy

✗ 4. Alex picked up

Question ID : **65497843347**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

This is one of the most remarkable cases <u>of all others.</u>

Ans ✗ 1. No substitution required

✓ 2. of all

✗ 3. of other all

✗ 4. all of others

Question ID : **65497843361**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the most appropriate option to fill in the blank.

The latest _____ I have bought is a dishwasher.

Ans ✗ 1. apparatus

✗ 2. implement

✓ 3. gadget

✗ 4. tool

Question ID : **65497842362**
Status : **Answered**
Chosen Option : **4**

Q.14 Given below are four sentences which are jumbled. Pick the option that gives their correct order.

A. The sectors included agriculture, public health and public utilities among others.
B. The GGI framework covered 10 sectors and 58 Industries.
C. The Good Governance Index (GGI) 2021scores have been declared.
D. The objective was to provide quantifiable data to compare the performance of different States and Union Territories in these sectors.

Ans ✗ 1. CADB

✓ 2. CBAD

✗ 3. ABDC

✗ 4. BACD

Question ID : **65497843362**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

A group of people

Ans ✓ 1. Crowd

✗ 2. Herd

✗ 3. Flock

✗ 4. Brood

Question ID : **65497844177**
Status : **Answered**
Chosen Option : **1**

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

Robust

Ans ✓ 1. sturdy

✗ 2. small

✗ 3. round

✗ 4. weak

Question ID : **65497844172**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the option that expresses the given sentence in passive voice.

She is holding free classes for the poor.

Ans ✗ 1. Free classes are being held by the poor for her.

✗ 2. The poor are holding free classes for her.

✓ 3. Free classes are being held for the poor by her.

✗ 4. Free classes have been held for the poor by her.

Question ID : **65497843351**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the INCORRECTLY spelt word.

Ans   ✗ 1. Necessary

      ✓ 2. Beggining

      ✗ 3. Irrelevant

      ✗ 4. Location

> Question ID : **65497844179**
> Status : **Answered**
> Chosen Option : **2**

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

On purpose

Ans   ✓ 1. Intentionally

      ✗ 2. Accidently

      ✗ 3. Luckily

      ✗ 4. Mischievously

> Question ID : **65497842155**
> Status : **Answered**
> Chosen Option : **1**

Q.20 Select the option that expresses the given sentence in indirect speech.

She said to him, "May God shower His choicest blessings on you!

Ans   ✗ 1. She wished that God may shower His choicest blessings on you.

      ✗ 2. She wished that may God shower your choicest blessings on Him.

      ✗ 3. She wished that God might shower His choicest blessings on you.

      ✓ 4. She wished that God might shower His choicest blessings on him.

> Question ID : **65497842248**
> 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 number.

I decided to stay away from television (1) _____ a whole year. After a week, I started feeling (2) _____. But, my friend Bess cheered me up. She (3) _____ me every day and would take me places. It was (4) _____ how much fun we had without TV. My life had become more (5) _____ without the good old idiot box.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in the blank no. 1.

Ans   ✓ 1. for

      ✗ 2. to

      ✗ 3. since

      ✗ 4. from

> Question ID : **65497842344**
> 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 number.

I decided to stay away from television (1) _____ a whole year. After a week, I started feeling (2) _____. But, my friend Bess cheered me up. She (3) _____ me every day and would take me places. It was (4) _____ how much fun we had without TV. My life had become more (5) _____ without the good old idiot box.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in the blank no. 2**

Ans ✓ 1. depressed

✗ 2. devoted

✗ 3. delighted

✗ 4. deceived

Question ID : **65497842345**
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 number.

I decided to stay away from television (1) _____ a whole year. After a week, I started feeling (2) _____. But, my friend Bess cheered me up. She (3) _____ me every day and would take me places. It was (4) _____ how much fun we had without TV. My life had become more (5) _____ without the good old idiot box.

SubQuestion No : 23

Q.23 **Select the most appropriate option to fill in the blank no. 3**

Ans ✗ 1. thanked

✗ 2. requested

✓ 3. encouraged

✗ 4. attended

Question ID : **65497842346**
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 number.

I decided to stay away from television (1) _____ a whole year. After a week, I started feeling (2) _____. But, my friend Bess cheered me up. She (3) _____ me every day and would take me places. It was (4) _____ how much fun we had without TV. My life had become more (5) _____ without the good old idiot box.

SubQuestion No : 24

Q.24 **Select the most appropriate option to fill in the blank no. 4**

Ans ✓ 1. unbelievable

✗ 2. unhealthy

✗ 3. unlucky

✗ 4. unlimited

Question ID : **65497842347**
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 number.

I decided to stay away from television (1) _____ a whole year. After a week, I started feeling (2) _____. But, my friend Bess cheered me up. She (3) _____ me every day and would take me places. It was (4) _____ how much fun we had without TV. My life had become more (5) _____ without the good old idiot box.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in the blank no. 5

Ans   ✗ 1. certain

       ✓ 2. exciting

       ✗ 3. boring

       ✗ 4. popular

Question ID : **65497842348**
Status : **Answered**
Chosen Option : **2**