Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	11/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

Section : **General Intelligence and Reasoning**

Q.1 Which two signs should be interchanged to make the given equation correct?

32 + 24 × 4 ÷ 16 − 64 = 90

Ans   ✗ 1. + and ×

    ✓ 2. + and −

    ✗ 3. ÷ and +

    ✗ 4. ÷ and ×

Question ID : **65497843188**
Status : **Answered**
Chosen Option : **2**

Q.2 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans   ✗ 1. RCN

    ✗ 2. UFQ

    ✓ 3. YJB

    ✗ 4. EPA

Question ID : **65497842971**
Status : **Marked For Review**
Chosen Option : **3**

Q.3 If 90% of a number is 621, what will be 50% of 20% of that number?

Ans   ✗ 1. 79

    ✗ 2. 54

    ✗ 3. 74

    ✓ 4. 69

Question ID : **65497842377**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

5gsdfncK|

Ans

✗ 1. Ƙɔn�481b259

✗ 2. Ƙɔn4Ᵽ2g5

✗ 3. ƙɔud1b259

✓ 4. Ƙɔndᵮb25g

Question ID : **65497842991**
Status : **Answered**
Chosen Option : **4**

Q.5 In a certain code language, 'do or die' is written as 'su ru ko', 'let us do it' is written as 'ko mo yo zu' and 'this or that' is written as 'ga tu ru'. How will 'die' be written in that language?

Ans

✓ 1. su

✗ 2. ru

✗ 3. ku

✗ 4. ko

Question ID : **65497842975**
Status : **Answered**
Chosen Option : **1**

Q.6 'A % B' means 'A is the sister of B'.
'A $ B' means 'A is the brother of B'.
'A @ B' means 'A is the son of B'.
'A & B' means 'A is the mother of B'.
If 'R % T & Z $ S @ V @ C % Y', then which of the following statements is NOT correct?

Ans

✗ 1. C is the paternal grandmother of Z.

✗ 2. V is the father of Z.

✓ 3. T is the daughter of C.

✗ 4. T is the mother of S.

Question ID : **65497842977**
Status : **Answered**
Chosen Option : **3**

Q.7 In a certain code language, 'SANCTION' is written as 'TZOBUHPM'. How will 'TELEVISE' be written in that language?

Ans ✗ 1. UDNDWGTF

✗ 2. SFKGUHRD

✗ 3. UDMDUHTF

✓ 4. UDMDWHTD

Question ID : **65497843175**

Status : **Answered**

Chosen Option : **4**

Q.8 Reeta is standing facing south-east. First, she turns 135° clockwise. After that, she turns 90° anticlockwise. Then she turns 45° clockwise, followed by a 135° anticlockwise turn. In which direction is she facing now?

Ans ✓ 1. East

✗ 2. North-east

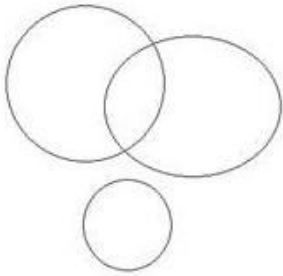✗ 3. South-east

✗ 4. South

Question ID : **65497843997**

Status : **Answered**

Chosen Option : **1**

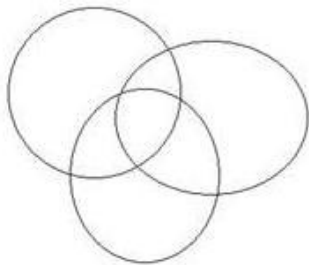**Q.9** Select the Venn diagram that best represents the relationship between the following.
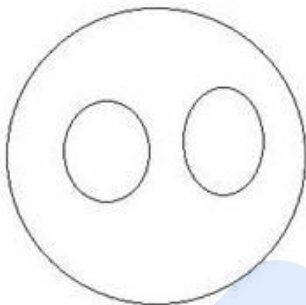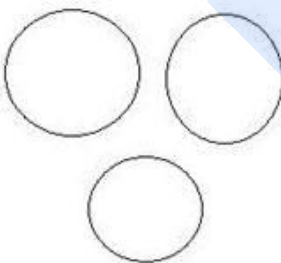
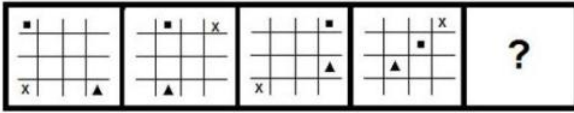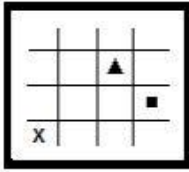Doctors, Married, Females

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **65497842387**
Status : **Answered**
Chosen Option : **2**

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

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
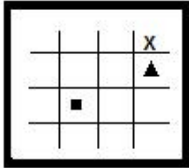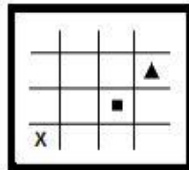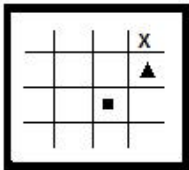
Question ID : **65497842988**

Status : **Answered**

Chosen Option : **3**

Q.11 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Junketeered
2. Junction
3. Junketers
4. Junketeering
5. Junctures

Ans ✗ 1. 2, 5, 4, 3, 1

✗ 2. 1, 4, 2, 3, 5

✓ 3. 2, 5, 1, 4, 3

✗ 4. 2, 5, 3, 1, 4

Question ID : **65497844606**

Status : **Answered**

Chosen Option : **3**

Q.12 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.
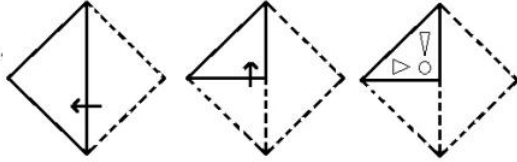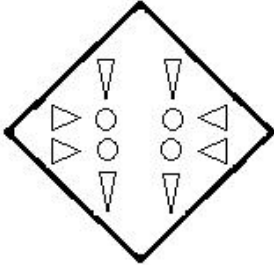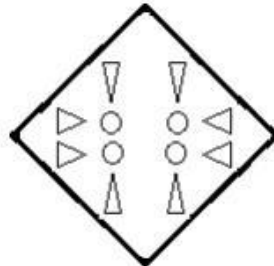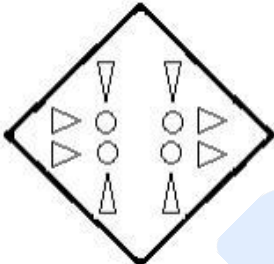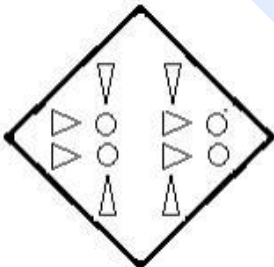
Question ID : **65497844002**
Status : **Answered**
Chosen Option : **2**

Q.13 Six houses, A, B, C, D, E and F, are situated in a colony. D is 60 m south of E. F is 40 m south of B. A is 30 m north of E. F is 50 m east of A. C is 50 m west of B. Find the location of C with reference to A.

Ans ✗ 1. 30 m east

✗ 2. 50 m north

✓ 3. 40 m north

✗ 4. 40 m south

Question ID : **65497842978**

Status : **Answered**

Chosen Option : **3**

Q.14 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

6 18 42
5 15 ?
7 36 61

Ans ✓ 1. 30

✗ 2. 53

✗ 3. 25

✗ 4. 45

Question ID : **65497842984**

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

Chosen Option : **--**

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

17, 16, 32, 29, 116, ?

Ans ✗ 1. 121

✓ 2. 111

✗ 3. 71

✗ 4. 81

Question ID : **65497843183**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair.

14 : 450

Ans ✗ 1. 31 : 961

✗ 2. 30 : 902

✗ 3. 22 : 490

✓ 4. 18 : 722

Question ID : **65497843992**

Status : **Answered**

Chosen Option : **4**

Q.17 A cube is made by folding the given sheet. In the cube so formed, which number will be on the face opposite to the face having the number '1'?

```
        ┌───┐
        │ 5 │
    ┌───┼───┼───┬───┐
    │ 6 │ 1 │ 4 │ 2 │
    └───┼───┼───┴───┘
        │ 3 │
        └───┘
```
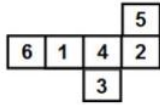
Ans ✗ 1. 6

✗ 2. 3

✔ 3. 2

✗ 4. 4

Question ID : **65497843191**

Status : **Answered**

Chosen Option : **3**

Q.18 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.

PDK : QFN :: SJQ : ?

Ans ✗ 1. ULS

✔ 2. TLT

✗ 3. TMS

✗ 4. UNT

Question ID : **65497842366**

Status : **Answered**

Chosen Option : **2**

Q.19 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 printers are coolers.
No cooler is a telephone.
All machines are telephones.

Conclusions:
I. Some printers are machines.
II. No machine is a cooler.

Ans ✔ 1. Only conclusion II follows

✗ 2. Only conclusion I follows

✗ 3. Neither conclusion I nor II follows

✗ 4. Both the conclusions follow

Question ID : **65497843181**

Status : **Answered**

Chosen Option : **1**

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

KMTC, EVOM, OQXG, IZSQ, ?

Ans ✗ 1. SUCL

✗ 2. SVCK

✗ 3. TVBK

✓ 4. SUBK

Question ID : **65497843171**
Status : **Answered**
Chosen Option : **4**

Q.21 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).

(X)

Ans ✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **65497842990**
Status : **Marked For Review**
Chosen Option : **4**

Q.22 If 'A' denotes 'addition', 'B' denotes 'multiplication', 'C' denotes 'subtraction' and 'D' denotes 'division', then what will be the value of the following expression?

8 B (4 A 5) C (99 A 27) D 14 A 5 B (112 D 16)

Ans ✗ 1. 85

✓ 2. 98

✗ 3. 107

✗ 4. 116

Question ID : **65497842985**
Status : **Answered**
Chosen Option : **2**

Q.23 Select the number from among the given options that can replace the question mark (?) in the following series.

45, 68, 99, ?, 187, 246, 313

Ans ✔ 1. 140

✗ 2. 117

✗ 3. 166

✗ 4. 105

Question ID : **65497842980**

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

Chosen Option : **--**

Q.24 In a certain code language, 'TURKEY' is written as '76911525'. How will 'BREATH' be written in that language?

Ans ✗ 1. 218526208

✔ 2. 259221208

✗ 3. 259221197

✗ 4. 251841208

Question ID : **65497843984**

Status : **Answered**

Chosen Option : **2**

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

S P _ _ _ P S T S _ _ _ S P S _

Ans ✗ 1. P S S P P S S

✗ 2. T S S P T S S

✔ 3. S T S P S T T

✗ 4. P S T S P T T

Question ID : **65497843178**

Status : **Answered**

Chosen Option : **3**

Section : **General Awareness**

Q.1 _____ is the first woman hockey player to receive the Rajiv Gandhi Khel Ratna Award.

Ans ✔ 1. Rani Rampal

✗ 2. Vandana Katariya

✗ 3. Nikki Pradhan

✗ 4. Sharmila Devi

Question ID : **65497842412**

Status : **Not Answered**

Chosen Option : **--**

Q.2 In which of the following Indian states will you find the Buxa Fort?

Ans ✗ 1. Odisha

✗ 2. Karnataka

✓ 3. West Bengal

✗ 4. Tamil Nadu

Question ID : **65497843008**

Status : **Marked For Review**

Chosen Option : **3**

Q.3 _____ refers to a sanitation system in which toilets collect human excreta in sealable, removable cartridges that are transported to treatment facilities.

Ans ✗ 1. Ecological sanitation

✓ 2. Container-Based sanitation

✗ 3. Community-led total sanitation

✗ 4. Dry sanitation

Question ID : **65497843000**

Status : **Answered**

Chosen Option : **2**

Q.4 Who among the following is the author of the book 'Social Harmony'?

Ans ✗ 1. HD Deve Gowda

✗ 2. PV Narsimha Rao

✓ 3. Narendra Modi

✗ 4. Manmohan Singh

Question ID : **65497843011**

Status : **Answered**

Chosen Option : **4**

Q.5 The number of deaths during the first 28 completed days of life per 1000 live births in a given year or period is defined as _____.

Ans ✓ 1. neonatal mortality rate

✗ 2. age-specific mortality rate

✗ 3. crude mortality rate

✗ 4. infant mortality rate

Question ID : **65497843005**

Status : **Answered**

Chosen Option : **4**

Q.6 As per the Union Budget 2021-22, the government plans to continue on the path of fiscal consolidation, achieving a fiscal deficit level below 4.5% of GDP by _____.

Ans ✗ 1. 2023-24

✗ 2. 2022-23

✗ 3. 2024-25

✓ 4. 2025-26

Question ID : **65497842998**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Odisha has set _____ as the target year for providing 100% functional household tap water connections in every rural household.

Ans ✓ 1. 2023–24

✗ 2. 2024–25

✗ 3. 2025–26

✗ 4. 2022–23

Question ID : **65497842396**

Status : **Answered**

Chosen Option : **2**

Q.8 Justice NV Ramana, appointed as the 48th Chief Justice of India, hails from which of the following states?

Ans ✗ 1. Karnataka

✗ 2. Maharashtra

✗ 3. Kerala

✓ 4. Andhra Pradesh

Question ID : **65497844022**

Status : **Answered**

Chosen Option : **1**

Q.9 Why is water fluoridation, which is the controlled adjustment of fluoride to public water supply, done?

Ans ✓ 1. To prevent tooth decay

✗ 2. To prevent eye disease

✗ 3. To prevent bone disease

✗ 4. To prevent vitamin deficiency

Question ID : **65497843003**

Status : **Answered**

Chosen Option : **1**

Q.10 As per the Economic Survey 2020–21, net FPI (Foreign Portfolio Investment) recorded an all-time monthly high of US$9.8 billion in _____.

Ans ✗ 1. October 2020

✗ 2. December 2020

✗ 3. September 2020

✓ 4. November 2020

Question ID : **65497842391**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following cities will be known as 'the sports city of India' from February 2021?

Ans ✗ 1. Gurugram

✗ 2. Hyderabad

✓ 3. Ahmedabad

✗ 4. Bengaluru

Question ID : **65497843219**
Status : **Answered**
Chosen Option : **1**

Q.12 Which bank is referred to as 'The lender of last resort'?

Ans ✓ 1. Central Bank

✗ 2. State Bank

✗ 3. Dena Bank

✗ 4. World Bank

Question ID : **65497844006**
Status : **Answered**
Chosen Option : **1**

Q.13 How many female members were part of the Constituent Assembly that framed the Constitution of India?

Ans ✗ 1. 12

✗ 2. 10

✗ 3. 14

✓ 4. 15

Question ID : **65497843016**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The pilgrimage sites of Nasik, Triyambak and Bhadrachalam lie on the banks of which of the following rivers?

Ans   ✗ 1. Krishna

     ✓ 2. Godavari

     ✗ 3. Narmada

     ✗ 4. Brahmaputra

> Question ID : **65497843007**
> Status : **Answered**
> Chosen Option : **2**

Q.15 Which of the following is an example of monosaccharides?

A. Fructose B. Sucrose C. Starch D. Glucose

Ans   ✗ 1. Only B

     ✓ 2. Both A and D

     ✗ 3. Both B and C

     ✗ 4. Only C

> Question ID : **65497842398**
> Status : **Marked For Review**
> Chosen Option : **2**

Q.16 The efforts of Siddhendra Yogi have brought glory to the dance form called _____.

Ans   ✗ 1. Bharatanatyam

     ✗ 2. Mohiniyattam

     ✓ 3. Kuchipudi

     ✗ 4. Kathakali

> Question ID : **65497842994**
> Status : **Not Answered**
> Chosen Option : **--**

Q.17 A _____ tank is an underground chamber made of concrete, fiberglass, or plastic through which domestic wastewater (sewage) flows for basic treatment.

Ans   ✗ 1. soap

     ✗ 2. pressure

     ✗ 3. flush

     ✓ 4. septic

> Question ID : **65497843201**
> Status : **Answered**
> Chosen Option : **4**

Q.18 The idea of having a provision for a Bicameral Parliament in the Constitution of India was borrowed from the _____ Constitution.

Ans   ✗ 1. French

✗ 2. Canadian

✓ 3. British

✗ 4. Irish

Question ID : **65497843015**

Status : **Answered**

Chosen Option : **2**

Q.19 Splashing the mud and racing across the fields, the roaring buffalos raced by a man are typical sights for which of the following festivals of Karnataka?

Ans   ✗ 1. Mahamastakabhisheka

✗ 2. Pattadakal

✓ 3. Kambala

✗ 4. Karaga

Question ID : **65497843197**

Status : **Answered**

Chosen Option : **3**

Q.20 Poor sanitation conditions may NOT be the likely reason behind which of the following diseases/conditions?

Ans   ✗ 1. Typhoid

✗ 2. Cholera

✓ 3. Arthritis

✗ 4. Polio

Question ID : **65497844011**

Status : **Marked For Review**

Chosen Option : **3**

Q.21 Which of the following statements is/are correct regarding the mountains?

I- Mountains may be arranged in a line known as range.
II-The Aravali range in India is one of the oldest fold mountain systems in the world.
III- Mt. Kilimanjaro in South America is an example of Volcanic Mountain

Ans   ✓ 1. Only I and II

✗ 2. Only II

✗ 3. I, II and III

✗ 4. Only I

Question ID : **65497843208**

Status : **Answered**

Chosen Option : **1**

Q.22 The Right of Children to Free and Compulsory Education Act 2009 is an Act of Parliament which came into force in:

Ans
  ✗ 1. 2012

  ✗ 2. 2011

  ✗ 3. 2009

  ✓ 4. 2010

Question ID : **65497844024**
Status : **Marked For Review**
Chosen Option : **2**

Q.23 _____ was conferred the honorary rank of General of the Nepali Army in November 2020.

Ans
  ✗ 1. Air Chief Marshal RKS Bhadauria

  ✓ 2. General MM Naravane

  ✗ 3. General Bipin Rawat

  ✗ 4. Admiral Karambir Singh

Question ID : **65497842407**
Status : **Answered**
Chosen Option : **2**

Q.24 Which two kings fought in the Battle of Hydaspes?

Ans
  ✗ 1. Chandragupta and Dhana Nanda

  ✓ 2. Alexander and Porus

  ✗ 3. Ashoka and Mahapadmanabha

  ✗ 4. Mihirakula and Yasodharman

Question ID : **65497843211**
Status : **Answered**
Chosen Option : **2**

Q.25 Under which of the following rulers did Delhi first became a capital?

Ans
  ✗ 1. Chauhans of Ajmer

  ✗ 2. Iltutmish Dynasty

  ✗ 3. Khilji Dynasty

  ✓ 4. Tomara Rajputs

Question ID : **65497844020**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 Performance of 1800 students in grades has been shown in the following pie chart.

In which two grades taken together is the number of students 54 less than the number of students in grades B and E taken together?
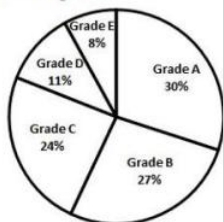
Ans
✔ 1. C and E

✘ 2. B and D

✘ 3. A and E

✘ 4. C and D

Question ID : **65497842435**
Status : **Answered**
Chosen Option : **3**

Q.2 The average of 52, 71, 43, 22, a, and b is 55 and the average of 42, 45, 49, 51, 42, c, and d is 53. What is the average of a, b, c, and d?

Ans
✘ 1. 54.7

✔ 2. 71

✘ 3. 54

✘ 4. 142

Question ID : **65497844032**
Status : **Answered**
Chosen Option : **4**

Q.3 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.

Which state has the maximum number of unemployed youth?
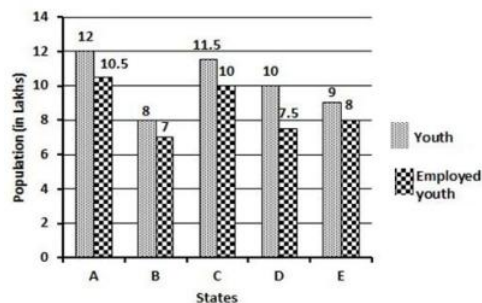
Ans ✔ 1. D

❌ 2. B

❌ 3. E

❌ 4. A

Question ID : **65497842232**
Status : **Answered**
Chosen Option : **1**

Q.4 If $x = 4 + \sqrt{15}$, what is the value of $\left(x^2 + \frac{1}{x^2} \right)$?

Ans ❌ 1. 48

❌ 2. 54

❌ 3. 72

✔ 4. 62

Question ID : **65497843031**
Status : **Answered**
Chosen Option : **4**

Q.5 A person sold an article at a loss of 18%. Had he sold it for ₹960 more, he would have gained 12%. If the article is sold for ₹3,840, then how much is the profit percentage?

Ans ❌ 1. 15%

❌ 2. 24%

✔ 3. 20%

❌ 4. 21%

Question ID : **65497843025**
Status : **Answered**
Chosen Option : **3**

Q.6 In ΔLMN, the bisectors of ∠L and ∠N intersect at an angle of 112°. What is the measure (in degrees) of ∠M?

Ans ✗ 1. 62

✗ 2. 60

✔ 3. 44

✗ 4. 72

Question ID : **65497843036**

Status : **Answered**

Chosen Option : **3**

Q.7 A boatman can row his boat in still water at a speed of 9 km/h. He can also row 44 km downstream and 35 km upstream in 9 hours. How much time (in hours) will he take to row 33 km downstream and 28 km upstream?

Ans ✔ 1. 7

✗ 2. 5

✗ 3. 6

✗ 4. 8

Question ID : **65497844039**

Status : **Answered**

Chosen Option : **1**

Q.8 In ΔACD, B and E are two points on side AC and AD respectively, such that BE is parallel to CD. CD = 9 cm, BE = 6 cm, AB = 5 cm and ED = 2cm. What are the measures of the lengths (in cm) of AE and BC?

Ans ✔ 1. 4, 2.5

✗ 2. 3, 4

✗ 3. 4, 3

✗ 4. 2.5, 4

Question ID : **65497844045**

Status : **Answered**

Chosen Option : **1**

Q.9 A kite is attached to a string. Find the length of the string (in m) when the height of the kite is 90 m and the string makes an angle of 30° with the ground.

Ans ✔ 1. 180

✗ 2. $90\sqrt{3}$

✗ 3. 45

✗ 4. $60\sqrt{3}$

Question ID : **65497842433**

Status : **Answered**

Chosen Option : **1**

Q.10 The reduction of 15% in the price of salt enables a person to buy 2 kg more for ₹272. The reduced price of salt per kg (in ₹) is:

Ans ✓ 1. 20.40

✗ 2. 22.16

✗ 3. 24.25

✗ 4. 25.00

Question ID : **65497844235**

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

Chosen Option : **--**

Q.11 If p is the third proportional to 8, 20 and q is the fourth proportional to 3, 5, 24, then find the value of (2p + q).

Ans ✓ 1. 140

✗ 2. 126

✗ 3. 90

✗ 4. 104

Question ID : **65497844036**

Status : **Answered**

Chosen Option : **1**

Q.12 A sum of money was borrowed and paid back in two equal annual instalments of ₹980, allowing 4% compound interest. The sum (in ₹, to the nearest tens) borrowed was:

Ans ✓ 1. 1,850

✗ 2. 1,960

✗ 3. 1,760

✗ 4. 2,050

Question ID : **65497843027**

Status : **Answered**

Chosen Option : **1**

Q.13 Two circles touch each other externally at T. RS is a direct common tangent to the two circles touching the circles at P and Q. ∠TPQ = 42°. ∠PQT (in degrees) is:

Ans ✓ 1. 48

✗ 2. 45

✗ 3. 42

✗ 4. 60

Question ID : **65497843236**

Status : **Answered**

Chosen Option : **1**

Q.14 If sec $A = \frac{17}{8}$, given that $A < 90°$, what is the value of the following? $\frac{34 \sin A + 15 \cot A}{68 \cos A - 16 \tan A}$

Ans
✗ 1. 23

✔ 2. 19

✗ 3. 30

✗ 4. 38

Question ID : **65497843038**
Status : **Answered**
Chosen Option : **2**

Q.15 AB is the diameter of a circle with centre O. C and D are two points on the circumference of the circle on either side of AB, such that ∠ CAB = 42° and ∠ ABD = 57°. What is difference (in degrees) between the measures of ∠ CAD and ∠ CBD?

Ans
✗ 1. 105 and 75

✔ 2. 75 and 105

✗ 3. 81 and 99

✗ 4. 99 and 81

Question ID : **65497843033**
Status : **Answered**
Chosen Option : **2**

Q.16 If $a^2 + b^2 + c^2 = 6.25$ and $(ab + bc + ca) = 0.52$, what is the value of $(a + b + c)$, if $(a + b + c) < 0$?

Ans
✗ 1. ± 2.7

✔ 2. -2.7

✗ 3. -2.8

✗ 4. ± 2.8

Question ID : **65497844042**
Status : **Answered**
Chosen Option : **1**

Q.17 What is the greatest number by which when 156, 181 and 331 are divided, the remainder is 6 in each case?

Ans
✗ 1. 26

✗ 2. 17

✔ 3. 25

✗ 4. 13

Question ID : **65497842414**
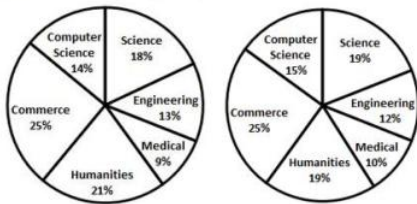Status : **Answered**
Chosen Option : **3**

Q.18 A can finish a piece of work in 48 days and B can finish it in 60 days. They work together for 12 days and then A goes away. In how much time (in days and hours) will B finish 25% of the remaining work?

Ans ✗ 1. 6 days 4 hours

✗ 2. 8 days 8 hours

✗ 3. 6 days 6 hours

✔ 4. 8 days 6 hours

Question ID : **65497843028**
Status : **Answered**
Chosen Option : **4**

Q.19 The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400 in academic years 2019 and 2020, respectively.

What is the percentage increase or decrease in the number of students of Engineering in 2020 as compared to 2019? (correct to 2 decimal places)

Academic year 2019   **Academic year 2020**

Ans ✗ 1. 10.55%

✗ 2. 11.77%

✔ 3. 10.77%

✗ 4. 10.25%

Question ID : **65497843749**
Status : **Answered**
Chosen Option : **3**

Q.20 A 35 cm high bucket in the form of a frustum is full of water. Radii of its lower and upper ends are 12 cm and 18 cm, respectively. If water from this bucket is poured in a cylindrical drum, whose base radius is 20 cm, then what will be the height of water (in cm) in the drum?

Ans ✗ 1. 16.25

✗ 2. 18.25

✔ 3. 19.95

✗ 4. 20.50

Question ID : **65497844040**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Study the given histogram that shows the height (in cm) of 100 students in an athletic team and answer the question that follows.

Histogram showing the height of 100 students in an athletic team
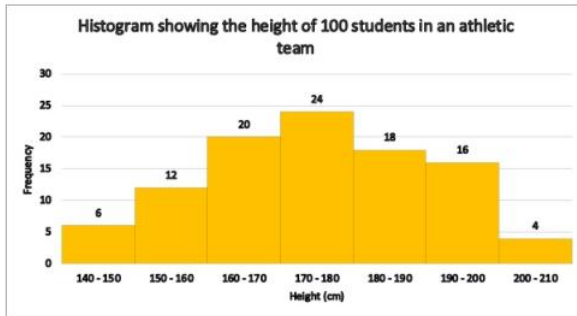
Express the number of students with height less than 170 cm as the percentage (correct to one decimal place) of the number of students with height more than 160 cm.

Ans ✔ 1. 46.3%

✘ 2. 73.5%

✘ 3. 29.1%

✘ 4. 53.7%

Question ID : **65497843043**
Status : **Answered**
Chosen Option : **1**

Q.22 If $tan^2 A + 2tanA - 63 = 0$ Given that $0 < A < \frac{\pi}{2}$ what is the value of $(2sinA + 5cosA)$?

Ans ✘ 1. $19\sqrt{50}$

✘ 2. $15\sqrt{50}$

✔ 3. $\frac{19}{\sqrt{50}}$

✘ 4. $\frac{15}{\sqrt{50}}$

Question ID : **65497844047**
Status : **Answered**
Chosen Option : **3**

Q.23 In a manufacturing unit, it was noted that the price of raw material has increased by 25% and the labour cost has gone up from 30% of the cost of raw material to 38% of the cost of the raw material. What percentage of the consumption of raw material be reduced to keep the cost the same as that before the increase?

Ans ✘ 1. 20.7%

✘ 2. 30.2%

✔ 3. 24.6%

✘ 4. 25.5%

Question ID : **65497843226**
Status : **Not Answered**
Chosen Option : **--**

Q.24 If the 7-digit number x8942y4 is divisible by 56, what is the value of $(x^2 + y)$ for the largest value of y, where x and y are natural numbers?

Ans   ✗ 1. 33

   ✗ 2. 44

   ✔ 3. 55

   ✗ 4. 70

Question ID : **65497843221**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Simplify the following expression:

$$\frac{3\frac{1}{2} + 5\frac{1}{3} \div 1\frac{1}{3} \times 5\frac{1}{4} - 5\frac{1}{2}}{1\frac{1}{2} \times 1\frac{2}{3} - 6\frac{1}{2}} \div 7 \times 2$$

Ans   ✗ 1. $\dfrac{13}{147}$

   ✗ 2. $29\dfrac{9}{32}$

   ✔ 3. $-1\dfrac{5}{14}$

   ✗ 4. $-\dfrac{5}{28}$

Question ID : **65497842415**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 Select the option that expresses the given sentence in active voice.

How many candidates had been interviewed by him before lunch?

Ans   ✗ 1. How many candidates has he interviewed before lunch?

   ✗ 2. How many candidates did he interview before lunch?

   ✔ 3. How many candidates had he interviewed before lunch?

   ✗ 4. How many candidates was he interviewing before lunch?

Question ID : **65497844059**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the most appropriate synonym of the given word.

Smooth

Ans ✔ 1. Flat

✗ 2. Uneven

✗ 3. Rough

✗ 4. Broken

Question ID : **65497842454**

Status : **Answered**

Chosen Option : **1**

Q.3 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'.

The student <u>apologised the teacher</u> for the delay in submitting the assignment.

Ans ✗ 1. No substitution required

✗ 2. is apologising the teacher

✔ 3. apologised to the teacher

✗ 4. has apologised the teacher

Question ID : **65497843259**

Status : **Answered**

Chosen Option : **3**

Q.4 Select the option that expresses the given sentence in indirect speech.

She said, "The stars are shining brightly tonight."

Ans ✗ 1. She said the stars are shining brightly tonight.

✔ 2. She said that the stars were shining brightly that night.

✗ 3. She said the stars were shining brightly tonight.

✗ 4. She asked if the stars were shining brightly that night.

Question ID : **65497843056**

Status : **Answered**

Chosen Option : **2**

Q.5 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The recently hike / in the price of petroleum products / will hit / household budgets severely.

Ans ✗ 1. will hit

✔ 2. The recently hike

✗ 3. household budgets severely

✗ 4. in the price of petroleum products

Question ID : **65497843651**

Status : **Answered**

Chosen Option : **2**

Q.6 Select the most appropriate option to fill in the blank.

Their idea of a holiday _____ at a luxury resort.

Ans ✗ 1. is relax

✗ 2. is relaxed

✗ 3. is to relaxing

✓ 4. is relaxing

Question ID : **65497843069**
Status : **Answered**
Chosen Option : **4**

Q.7 Given below are four jumbled sentences. Select the option that gives their correct order.

A. Our amusements have little zest if we engage in them in solitude.
B. Friendship increases happiness and diminishes misery.
C. It doubles our joys and divides our grief.
D. When we do well, it is delightful to have friends who are pleased with our success.

Ans ✓ 1. BCDA

✗ 2. ABDC

✗ 3. CBAD

✗ 4. DACB

Question ID : **65497842453**
Status : **Marked For Review**
Chosen Option : **2**

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Your name / precedes before mine / in the / admission list.

Ans ✗ 1. Your name

✗ 2. in the

✓ 3. precedes before mine

✗ 4. admission list

Question ID : **65497843047**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the option that gives the most appropriate meaning of the underlined idiom.

I am working on too many projects. I think I <u>have bitten off more than I can chew.</u>

Ans ✗ 1. Not able to finish work

✓ 2. To take on more than one can handle

✗ 3. To be happy to multitask

✗ 4. To find work dull

Question ID : **65497843065**
Status : **Answered**
Chosen Option : **2**

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

Imminent

Ans ✗ 1. Unyielding

✗ 2. Ignorant

✓ 3. Impending

✗ 4. Distant

Question ID : **65497844071**

Status : **Answered**

Chosen Option : **4**

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A sound that cannot be heard

Ans ✗ 1. Inedible

✓ 2. Inaudible

✗ 3. Indelible

✗ 4. Audible

Question ID : **65497844076**

Status : **Answered**

Chosen Option : **2**

Q.12 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'.

Computer crime <u>have been in the news since</u> the nineteen eighties.

Ans ✗ 1. has been in the news from

✗ 2. has been on the news since

✓ 3. has been in the news since

✗ 4. No substitution required

Question ID : **65497842452**

Status : **Answered**

Chosen Option : **3**

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

A glass container to keep fish

Ans ✓ 1. Aquarium

✗ 2. Atrium

✗ 3. Beaker

✗ 4. Vase

Question ID : **65497843067**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the option that expresses the given sentence in active voice.

Trumpets are being blown by the soldiers to announce the victory.

Ans ✗ 1. The soldiers were blowing the trumpets to announce the victory.

✗ 2. The soldiers blow the trumpets to announce the victory.

✔ 3. The soldiers are blowing the trumpets to announce the victory.

✗ 4. The soldiers blew the trumpets to announce the victory.

Question ID : **65497842442**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option that gives the most appropriate meaning of the underlined idiom.

It is good to <u>take into account</u> all the important factors before making a decision.

Ans ✗ 1. leave

✗ 2. select

✗ 3. control

✔ 4. consider

Question ID : **65497843266**
Status : **Answered**
Chosen Option : **4**

Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

No sooner did / the child start crying / then the mother / hugged him.

Ans ✗ 1. No sooner did

✔ 2. then the mother

✗ 3. hugged him

✗ 4. the child start crying

Question ID : **65497844056**
Status : **Answered**
Chosen Option : **2**

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

Camaraderie

Ans ✔ 1. Dislike

✗ 2. Amity

✗ 3. Companionship

✗ 4. Friendship

Question ID : **65497843063**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the most appropriate ANTONYM of the given word.

Criticise

Ans
  ✗ 1. Disappoint

  ✗ 2. Forgive

  ✗ 3. Prevent

  ✓ 4. Praise

> Question ID : **65497843264**
> Status : **Answered**
> Chosen Option : **4**

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It is not worth / having the trouble / to write to him / as he never replies.

Ans
  ✗ 1. as he never replies

  ✗ 2. to write to him

  ✗ 3. It is not worth

  ✓ 4. having the trouble

> Question ID : **65497842640**
> Status : **Marked For Review**
> Chosen Option : **4**

Q.20 Select the correctly spelt word.

Ans
  ✓ 1. Weird

  ✗ 2. Cansel

  ✗ 3. Recieive

  ✗ 4. Prepair

> Question ID : **65497844078**
> 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.

How should one read a story to a child? Usually, a personality or character of the story (1) _____ the child's interest the most. (2) _____, use different voices (3) _____ each character or act out various (4) _____ from the story, to bring life to those characters. (5) _____ out parts from the story will make story sessions fun and memorable for the kids.

SubQuestion No : 21

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

Ans
  ✗ 1. caught

  ✗ 2. catch

  ✓ 3. catches

  ✗ 4. has caught

> Question ID : **65497843051**
> Status : **Answered**
> Chosen Option : **3**

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.

How should one read a story to a child? Usually, a personality or character of the story (1) _____ the child's interest the most. (2) _____, use different voices (3) _____ each character or act out various (4) _____ from the story, to bring life to those characters. (5) _____ out parts from the story will make story sessions fun and memorable for the kids.

SubQuestion No : 22

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

Ans ✗ 1. Either

✓ 2. So

✗ 3. Also

✗ 4. However

Question ID : **65497843052**
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.

How should one read a story to a child? Usually, a personality or character of the story (1) _____ the child's interest the most. (2) _____, use different voices (3) _____ each character or act out various (4) _____ from the story, to bring life to those characters. (5) _____ out parts from the story will make story sessions fun and memorable for the kids.

SubQuestion No : 23

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

Ans ✓ 1. for

✗ 2. by

✗ 3. with

✗ 4. from

Question ID : **65497843053**
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.

How should one read a story to a child? Usually, a personality or character of the story (1) _____ the child's interest the most. (2) _____, use different voices (3) _____ each character or act out various (4) _____ from the story, to bring life to those characters. (5) _____ out parts from the story will make story sessions fun and memorable for the kids.

SubQuestion No : 24

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

Ans ✗ 1. pages

✗ 2. sheets

✓ 3. parts

✗ 4. words

Question ID : **65497843054**
Status : **Answered**
Chosen Option : **3**

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.

How should one read a story to a child? Usually, a personality or character of the story (1) _____ the child's interest the most. (2) _____, use different voices (3) _____ each character or act out various (4) _____ from the story, to bring life to those characters. (5) _____ out parts from the story will make story sessions fun and memorable for the kids.

SubQuestion No : 25

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

Ans   ✗ 1. Saying

     ✔ 2. Acting

     ✗ 3. Telling

     ✗ 4. Asking

Question ID : **65497843055**
Status : **Answered**
Chosen Option : **2**