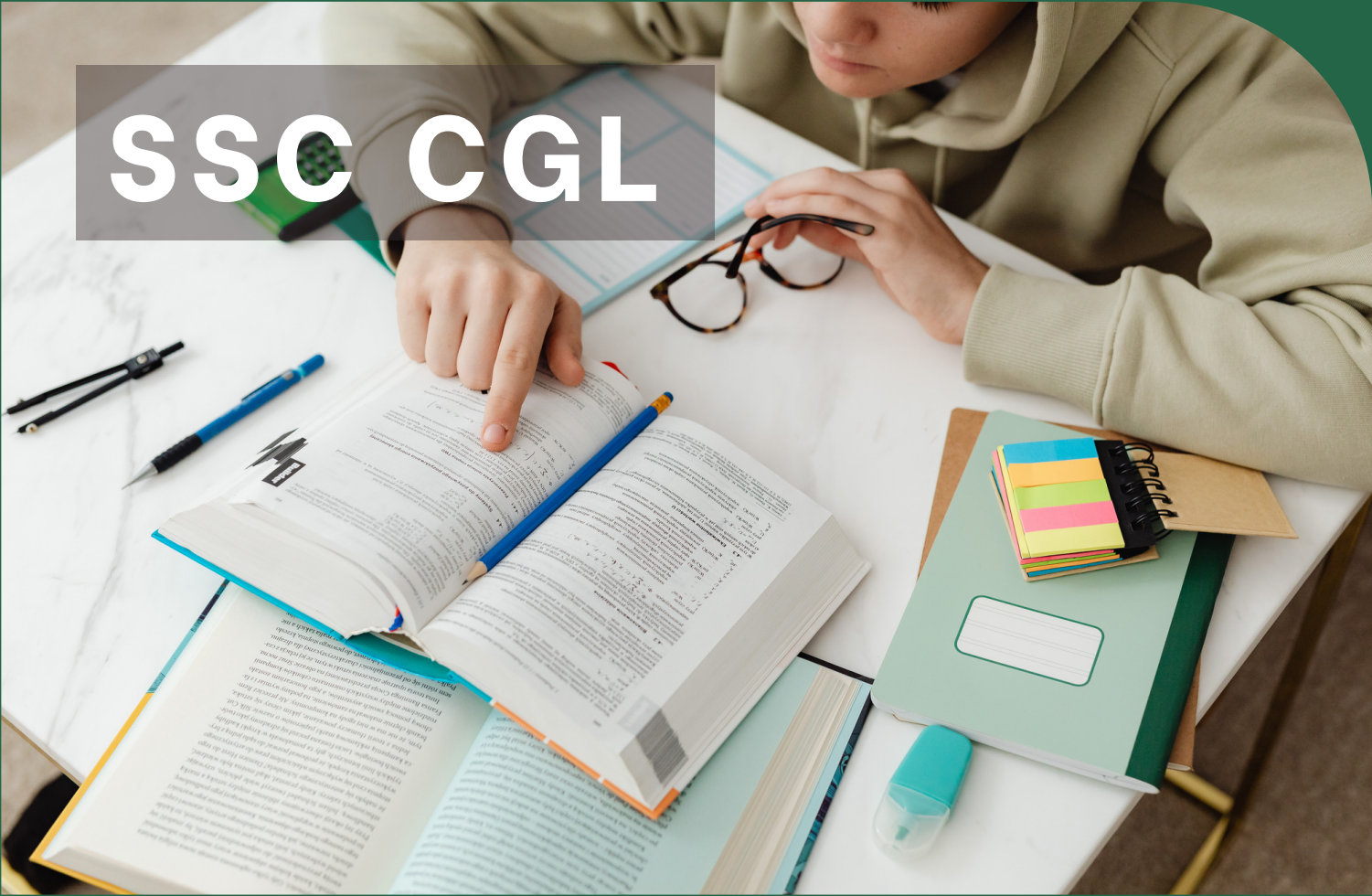




SSC CGL

Question Paper

Staff Selection Commission
Combined Graduated Level
Examination

Prepared by:
aglasem.com



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Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	19/04/2022
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 term in the same way as the second term is related to the first term.

FASTER : AEFRST :: KINGDOM : ?

- Ans
- ☒ 1. DGIKNOM
 - ☒ 2. DGIKMNO
 - ☒ 3. DIGKMNO
 - ☒ 4. DGKIMON

Question ID : 65497843174

Status : Answered

Chosen Option : 2

Q.2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

SKHM, OODQ, KSZU, GWVY, ?

- Ans
- ☒ 1. CBRD
 - ☒ 2. CARC
 - ☒ 3. BAQC
 - ☒ 4. CASC

Question ID : 65497842969

Status : Marked For Review

Chosen Option : 2

Q.3 An amount of ₹1,003 is to be distributed among A, B and C in the ratio of 11 : 23 : 25. How many rupees would B get more than A?

- Ans
- ☒ 1. ₹204
 - ☒ 2. ₹238
 - ☒ 3. ₹29
 - ☒ 4. ₹187

Question ID : 65497843185

Status : Marked For Review

Chosen Option : 1

Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

5 : 27 :: 7 : ? :: 8 : 39

- Ans
- ☒ 1. 36
 - ☒ 2. 38
 - ☒ 3. 37
 - ☒ 4. 35

Question ID : 65497844194

Status : Marked For Review

Chosen Option : 1

Q.5 'Z + Y' means 'Y is the son of Z'.
'Z \$ Y' means 'Y is the father of Z'.
'Y % Z' means 'Y is the son-in-law of Z'.
'Z - Y' means 'Y is the wife of Z'.
'Y * Z' means 'Z is the brother of Y'.
'Y # Z' means 'Z is the only sister of Y'.

Which two symbols can sequentially replace the question marks (?) in the following expression to show that 'D is the wife of W'?

W % O - B ? C ? D

- Ans
- ☒ 1. + and -
 - ☒ 2. % and -
 - ☒ 3. \$ and +
 - ☒ 4. + and #

Question ID : 65497844189

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.6 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. PSH
 - ☒ 2. SWD
 - ☒ 3. FJQ
 - ☒ 4. LPK

Question ID : 65497842062

Status : Answered

Chosen Option : 1

Q.7 'PSQ' means 'P is to the north of Q'.

'P&Q' means 'P is to the east of Q'.

'P*Q' means 'Q is to the west of P'.

'P%Q' means 'Q is to the south of P'.

'P@QR' means 'P stands exactly in the middle of horizontal line QR'.

'P!QR' means 'P stands exactly in the middle of vertical line QR'.

Note: 'P6mSQ' means 'P is 6 m to the north of Q' and so on.

Find the shortest distance between G and C in the following expression.

C12mSS5m*G3m&J6m%K!JT

- Ans
- ☒ 1. 12 m
 - ☒ 2. 10 m
 - ☒ 3. 15 m
 - ☒ 4. 13 m

Question ID : 65497844199

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 In a certain code language, 'BUILDER' is written as 'VZNFJXL'. How will 'PARKING' be written in that language?

- Ans
- ☒ 1. JLFNEHA
 - ☒ 2. EIFLBIM
 - ☒ 3. JFLENHA
 - ☒ 4. IELFMIB

Question ID : 65497844185

Status : Marked For Review
Chosen Option : 3

Q.9 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

- 1. Hatchability
- 2. Hatchel
- 3. Hatchers
- 4. Hatchback
- 5. Hatchings

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

Question ID : 65497844620

Status : Answered
Chosen Option : 4

Q.10 Which two digits should be interchanged to make the given equation correct?

$$37+1152 \times 8 \div 768 - 47 = 22$$

Ans ☒ 1. 3 and 4

☐ 2. 2 and 3

☐ 3. 4 and 5

☐ 4. 5 and 6

Question ID : 65497844197

Status : Not Answered

Chosen Option : --

Q.11 Bindu, Krunal, Manoj, Nilima, Omkar, Piyush, Renu and Sundar are sitting around a circular table facing the centre, but not necessarily in the same order. Sundar sits second to the right of Piyush. Only two persons sit between Sundar and Krunal. Omkar sits opposite to Bindu, who is not an immediate neighbour of Krunal and Piyush. Nilima is the immediate neighbour of Krunal and Bindu. Manoj sits third to the right of Bindu.

Which of the following statements is/are true?

Ans ☐ 1. Manoj is the immediate neighbour of Nilima.

☐ 2. Sundar sits third to the right of Krunal.

☒ 3. Nilima sits opposite the one who sits to the immediate left of Renu.

☐ 4. Omkar is the immediate neighbour of Renu and Piyush.

Question ID : 65497844190

Status : Answered

Chosen Option : 3

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All calculators are markers.

Some markers are pencils.

Some pencils are erasers.

Conclusions:

I. Some erasers are markers.

II. Some pencils are calculators.

Ans ☒ 1. Neither conclusion I nor II follows.

☐ 2. Both the conclusions follow.

☐ 3. Only conclusion I follows.

☐ 4. Only conclusion II follows.

Question ID : 65497842979

Status : Answered

Chosen Option : 1

Q.13 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

7DIScHVrGE5


- Ans
- ☒ 1. 2EГoVHr2ID7
 - ☒ 2. 7DI2rHAoGE2
 - ☒ 3. 7DI2oHA7GE2
 - ☒ 4. 2EГoVHr2ID7

Question ID : 65497844203

Status : Answered

Chosen Option : 4

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

30, ?, 83, 118, 160, 210

- Ans
- ☒ 1. 60
 - ☒ 2. 62
 - ☒ 3. 42
 - ☒ 4. 54

Question ID : 65497842981

Status : Answered

Chosen Option : 4

Q.15 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

28 54 32
 56 8 7 65 8 18 84 ? 8
 14 13 12

- Ans
- ☒ 1. 9
 - ☒ 2. 11
 - ☒ 3. 10
 - ☒ 4. 8

Question ID : 65497842075

Status : Answered

Chosen Option : 2

Q.16 Which two numbers need to be interchanged to make the following equation correct?

$$119 + 11 \times 5 - 153 \div 17 = 201$$

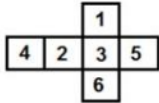
- Ans
- ☒ 1. 119 and 153
 - ☒ 2. 17 and 5
 - ☒ 3. 11 and 17
 - ☒ 4. 119 and 17

Question ID : 65497842986

Status : Answered

Chosen Option : 1

Q.17 A cube is made by folding the given sheet along the lines. In the cube so formed, what would be the number on the face opposite to the one having 5?



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

Question ID : 65497842989
Status : Answered
Chosen Option : 4

Q.18 Which order of letters will complete the following sequence?

 A GGA GGAN

- Ans**
- ☒ 1. TGTG
 - ☒ 2. SGSA
 - ☒ 3. GNNG
 - ☒ 4. NGNG

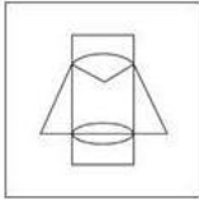
Question ID : 65497844188
Status : Marked For Review
Chosen Option : 3

Q.19 Select the option in which the given figure is embedded (rotation is NOT allowed).

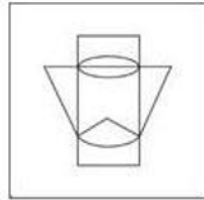


Ans

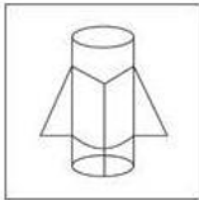
✗ 1.



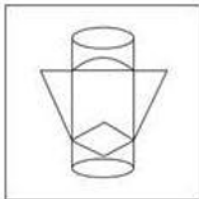
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497842081

Status : Answered

Chosen Option : 2

Q.20 In a certain code language, 'GLOVE' is coded as 148. How will 'OBDURATE' be coded in that language?

Ans ✗ 1. 602

✗ 2. 402

✓ 3. 520

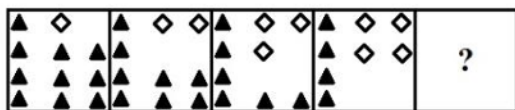
✗ 4. 502

Question ID : 65497844186

Status : Answered

Chosen Option : 3

Q.21 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 : 65497844200

Status : Answered

Chosen Option : 3

Q.22 In a certain code language, 'Min Fin Dig' means 'Sohan is Engineer' and 'Sic Ric Min Dic Fin' means 'Profession of Engineer is tough'. Which of the following is the code for 'Sohan'?

Ans

✗ 1. Dic

✗ 2. Min

✗ 3. Fin

✓ 4. Dig

Question ID : 65497842066

Status : Answered

Chosen Option : 4

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

115, 178, 241, 304, ?

Ans ☒ 1. 370

☒ 2. 348

☒ 3. 337

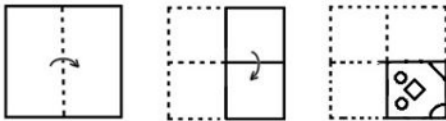
☒ 4. 367

Question ID : 65497842071

Status : Answered

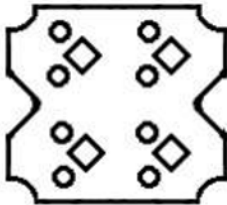
Chosen Option : 4

Q.24 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?

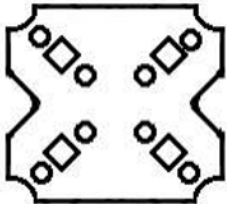


Ans

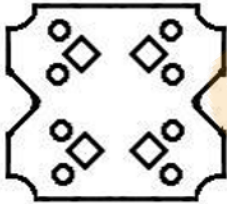
☒ 1.



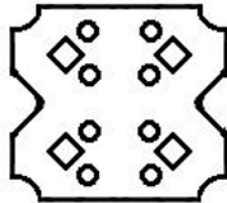
☒ 2.



☒ 3.



☒ 4.

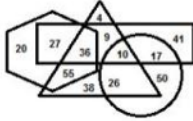


Question ID : 65497844204

Status : Answered

Chosen Option : 4

Q.25 In the following Venn diagram, the triangle stands for 'fathers', the circle stands for 'engineers', the hexagon stands for 'tax-payers', and the rectangle stands for 'blood donors'. The given numbers represent the number of persons in that particular category.



How many tax-payers are also blood donors?

- Ans** ✓ 1. 63
 ✗ 2. 38
 ✗ 3. 61
 ✗ 4. 55

Question ID : 65497843195
 Status : Answered
 Chosen Option : 1

Section : General Awareness

Q.1 How many sodium atoms are there in one molecule of sodium peroxide?

- Ans** ✗ 1. One
 ✓ 2. Two
 ✗ 3. Four
 ✗ 4. Three

Question ID : 65497843204
 Status : Marked For Review
 Chosen Option : 2

Q.2 Which of the following is NOT a chemical coagulant used in water treatment?

- Ans** ✗ 1. Polyaluminium chloride (PAC)
 ✗ 2. Aluminium sulfate (Alum)
 ✗ 3. Aluminium chloride
 ✓ 4. Nitrogen dioxide

Question ID : 65497842999
 Status : Marked For Review
 Chosen Option : 1

Q.3 As per the theory of demographic transition, the post-transitional stage of demographic transition is characterised by _____.

- Ans** ✓ 1. low and nearly equal birth and death rates
 ✗ 2. falling birth rates and high death rates
 ✗ 3. high and nearly equal birth and death rates
 ✗ 4. falling death rates and high birth rates

Question ID : 65497842098
 Status : Marked For Review
 Chosen Option : 3

Q.4 'Sangken' is a festival of the _____.

- Ans ☒ 1. Jains
☒ 2. Buddhists
☒ 3. Sikhs
☒ 4. Christians

Question ID : 65497842995

Status : Marked For Review

Chosen Option : 2

Q.5 In which of the following cities were the first and second test cricket matches (2021) between India and England held?

- Ans ☒ 1. Mumbai
☒ 2. Pune
☒ 3. Chennai
☒ 4. Ahmedabad

Question ID : 65497843017

Status : Answered

Chosen Option : 4

Q.6 According to World Health Organization (WHO), "Hygiene refers to _____ and practices that help to maintain _____ and _____ the spread of diseases."

- Ans ☒ 1. situations, fitness, prevent
☒ 2. values, health, stop
☒ 3. conditions, physique, retard
☒ 4. conditions, health, prevent

Question ID : 65497844215

Status : Marked For Review

Chosen Option : 4

Q.7 Who among the following was honoured by the Abel Prize of 2021 in Mathematics ?

- Ans ☒ 1. Karen Uhlenbeck
☒ 2. Qaboos
☒ 3. Laszlo Lovasz
☒ 4. Andrew Wiles

Question ID : 65497843215

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 Which of the following words does NOT precede the word 'Republic' in the Preamble of the Constitution of India?

- Ans
- ☐ 1. Sovereign
 - ☐ 2. Democratic
 - ☒ 3. Federal
 - ☐ 4. Socialist

Question ID : 65497844227
Status : Answered
Chosen Option : 3

Q.9 Which of the following is a type of plant disease?

- Ans
- ☐ 1. Botulism
 - ☒ 2. Blight
 - ☐ 3. Coccidiosis
 - ☐ 4. Mastitis

Question ID : 65497843006
Status : Answered
Chosen Option : 2

Q.10 Which of the following is a group of islands found in the tropical oceans consisting of coral reefs and a central depression?

- Ans
- ☐ 1. Guyots
 - ☒ 2. Atoll
 - ☐ 3. Seamount
 - ☐ 4. Lagoon

Question ID : 65497844217
Status : Answered
Chosen Option : 3

Q.11 Right to Information Act _____ mandates timely response to citizen requests for government information.

- Ans
- ☐ 1. 2003
 - ☒ 2. 2005
 - ☐ 3. 2002
 - ☐ 4. 2004

Question ID : 65497844226
Status : Answered
Chosen Option : 2

Q.12 As per the Economic Survey of India 2021, SENSEX and NIFTY resulted in India's market-cap to GDP ratio crossing _____ for the first time since October 2010.

- Ans** ☒ 1. 100%
 ☐ 2. 80%
 ☐ 3. 50%
 ☐ 4. 75%

Question ID : **65497843199**
Status : **Not Answered**
Chosen Option : --

Q.13 Honoured with Padma Vibushan and Padma Bhushan, Kishori Amonkar was a renowned personality related to which of the following fields?

- Ans** ☐ 1. Science
 ☐ 2. Economics
 ☐ 3. Dance
 ☒ 4. Music

Question ID : **65497844224**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.14 Which of the following is NOT abiotic?

- Ans** ☐ 1. Rainfall
 ☐ 2. Soil
 ☐ 3. Wind
 ☒ 4. Plant

Question ID : **65497844213**
Status : **Answered**
Chosen Option : 4

Q.15 Which of the following is an example of 'Arthropod'?

- Ans** ☐ 1. Blood sucking leech
 ☐ 2. Hookworm
 ☐ 3. Earthworm
 ☒ 4. Scorpion

Question ID : **65497843206**
Status : **Answered**
Chosen Option : 4

Q.16 The Economic Survey of 2020-21 mentions that India's fiscal policy should reflect _____ sentiment of 'a mind without fear'.

- Ans** ☒ 1. Jawaharlal Nehru's
☒ 2. Gurudev Rabindranath Tagore's
☒ 3. Mahatma Gandhi's
☒ 4. Shyama Prasad Mukherjee's

Question ID : 65497844210
Status : Answered
Chosen Option : 4

Q.17 *Saccharomyces Cerevisiae* is commonly used to make _____.

- Ans** ☒ 1. yoghurt
☒ 2. carbonated beverages
☒ 3. cheese
☒ 4. bread

Question ID : 65497842091
Status : Answered
Chosen Option : 2

Q.18 Which of the following was the first development bank in India?

- Ans** ☒ 1. National Housing Bank
☒ 2. Export Import Bank of India
☒ 3. Industrial Finance Corporation of India
☒ 4. Industrial Development Bank of India

Question ID : 65497844208
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.19 Alladi Krishnaswami Ayyar was the chairman of the _____ of the Constituent Assembly of India.

- Ans** ☒ 1. Credential Committee
☒ 2. Union Powers Committee
☒ 3. Order of Business Committee
☒ 4. Fundamental Rights Sub-Committee

Question ID : 65497842107
Status : Answered
Chosen Option : 4

Q.20 Which of the following events occurred before 1919?

- Ans ☒ 1. Gandhi-Irwin Pact
☒ 2. Chauri Chaura Incident
☒ 3. Lahore Session of Congress
☒ 4. Partition of Bengal

Question ID : 65497844222
Status : Answered
Chosen Option : 4

Q.21 William Hawkins met Emperor Jahangir as a representative of the _____ East India Company.

- Ans ☒ 1. Portuguese
☒ 2. Dutch
☒ 3. French
☒ 4. English

Question ID : 65497842099
Status : Answered
Chosen Option : 4

Q.22 Who among the following won the 2020 JCB Prize for Literature?

- Ans ☒ 1. Santhosh Echikkanam
☒ 2. S Hareesh
☒ 3. KR Meera
☒ 4. Kureepuzha Sreekumar

Question ID : 65497844223
Status : Answered
Chosen Option : 1

Q.23 Which of the following musical instruments is also known as a 'Mangal Vadya'?

- Ans ☒ 1. Shehnai
☒ 2. Tabla
☒ 3. Santoor
☒ 4. Damaru

Question ID : 65497842085
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.24 Which of the following states won the maximum number of medals at the Khelo India Youth Games 2020?

- Ans
- ☐ 1. Punjab
 - ☐ 2. Kerala
 - ☒ 3. Maharashtra
 - ☐ 4. Haryana

Question ID : 65497843220
Status : Answered
Chosen Option : 4

Q.25 Which of the following sages of ancient India wrote the 'Mimamsa-sutras'?

- Ans
- ☒ 1. Jaimini
 - ☐ 2. Charaka
 - ☐ 3. Badarayana
 - ☐ 4. Panini

Question ID : 65497843009
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 If $x + y + z = 7$, $xy + yz + zx = 8$, then what is the value of $x^3 + y^3 + z^3 - 3xyz$?

- Ans
- ☐ 1. 200
 - ☐ 2. 150
 - ☐ 3. 125
 - ☒ 4. 175

Question ID : 65497844244
Status : Answered
Chosen Option : 4

Q.2 A sum of ₹18,000 becomes ₹21,780 after 2 years on compound interest compounded annually. What will be the compound interest (in ₹) on the same sum for the same period if the rate of interest increases by 5%?

- Ans
- ☐ 1. 1,845
 - ☐ 2. 4,670
 - ☒ 3. 5,805
 - ☐ 4. 5,500

Question ID : 65497842118
Status : Answered
Chosen Option : 3

Q.3 A invested 30% more than B. B invested 40% less than C, who invested ₹8,000. The average of the total amount invested by all of them together (to the nearest ₹) is:

- Ans** ✓ 1. 6,347
✗ 2. 6,417
✗ 3. 6,215
✗ 4. 6,143

Question ID : 65497844238
Status : Answered
Chosen Option : 2

Q.4 If $a^3 + b^3 = 218$ and $a + b = 2$, then the value of $\sqrt{1 - ab}$ is:

- Ans** ✗ 1. 5
✗ 2. 3
✗ 3. 4
✓ 4. 6

Question ID : 65497844243
Status : Answered
Chosen Option : 4

Q.5 From the body of a solid cube of edge 7 cm, a solid sphere is removed. The volume of the remaining solid was found to be $163\frac{1}{3}$ cm³. What is the diameter (in cm) of the sphere? (Take $\pi = \frac{22}{7}$)

- Ans** ✗ 1. 10
✓ 2. 7
✗ 3. 5
✗ 4. 8

Question ID : 65497842929
Status : Answered
Chosen Option : 2

Q.6 A takes 3 hours more than B to walk 'd' km. If A doubles his speed, then he can make it in 1 hour less than B. How much time (in hours) does A require to walk 'd' km?

- Ans** ✗ 1. 5
✗ 2. 9
✓ 3. 8
✗ 4. 4

Question ID : 65497844241
Status : Answered
Chosen Option : 4

Q.7 The length of the shadow on the ground of a tall tree of height 30 m is $10\sqrt{3}$ m. What is the angle (in degrees) of elevation of the sun?

- Ans** ☒ 1. 60
☐ 2. 15
☐ 3. 30
☐ 4. 45

Question ID : 65497843241
Status : Answered
Chosen Option : 3

Q.8 A shopkeeper offers his customers a discount of 10%. On an item marked at a price of ₹400, which was a little damaged, he offered additional discount of 10%. At what price (in ₹) is the item available to customers?

- Ans** ☐ 1. 340
☒ 2. 324
☐ 3. 320
☐ 4. 300

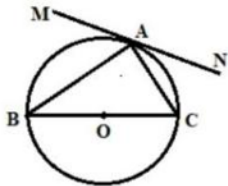
Question ID : 65497844033
Status : Answered
Chosen Option : 2

Q.9 The profit earned by selling an article for ₹832 is equal to the loss incurred when the article is sold for ₹448. What should be the selling price (in ₹) to make a profit of 10%?

- Ans** ☐ 1. 750
☐ 2. 715
☐ 3. 640
☒ 4. 704

Question ID : 65497844237
Status : Answered
Chosen Option : 4

Q.10 In the following figure, MN is a tangent to a circle with centre O at point A. If BC is a diameter and $\angle ABC = 42^\circ$, then find the measure of $\angle MAB$.

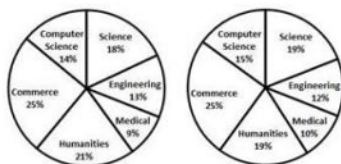


- Ans** ☐ 1. 84°
☒ 2. 48°
☐ 3. 42°
☐ 4. 45°

Question ID : 65497842124
Status : Answered
Chosen Option : 2

- Q.11** 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.

Students studying humanities in 2019 and 2020 taken together is what percentage of the total number of students studying during the two years taken together? (correct to 2 decimal places)



Academic year 2019 Academic year 2020

- Ans**
- ☒ 1. 18.75%
 - ☒ 2. 19.91%
 - ☒ 3. 19.19%
 - ☒ 4. 18.52%

Question ID : 65497843648
Status : Answered
Chosen Option : 2

- Q.12** Of the three numbers, second is one-third of first and is also three-fourth of the third number. If the average of three numbers is 112, then what is the smallest number?

- Ans**
- ☒ 1. 63
 - ☒ 2. 45
 - ☒ 3. 84
 - ☒ 4. 189

Question ID : 65497842921
Status : Answered
Chosen Option : 1

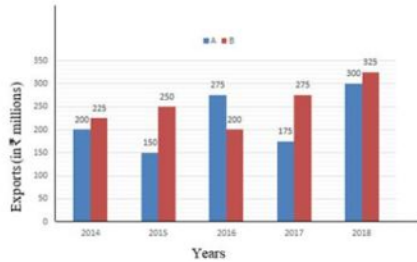
- Q.13** A man started off a business with a certain capital amount. In the first year, he earned 60% profit and donated 50% of the total capital (initial amount + profit). He followed the same procedure with the remaining capital after the second and the third year. If at the end of the three years, he is left with ₹15,360, what was the initial amount (in ₹) with which the man started his business?

- Ans**
- ☒ 1. 20,000
 - ☒ 2. 30,000
 - ☒ 3. 25,000
 - ☒ 4. 32,000

Question ID : 65497843024
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.14 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.



What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2014 and 2017?

- Ans**
- ☒ 1. 10 : 9
 - ☒ 2. 11 : 10
 - ☒ 3. 25 : 16
 - ☒ 4. 23 : 20

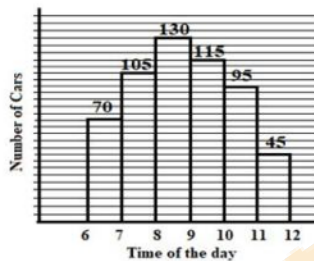
Question ID : 65497842636

Status : Answered

Chosen Option : 4

Q.15 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 maximum change percentage in the number of cars as compared to the previous hour? (correct to 2 decimal places)



- Ans**
- ☒ 1. Decrease of 52.63%
 - ☒ 2. Decrease of 58.5%
 - ☒ 3. Increase of 55.56%
 - ☒ 4. Increase of 58.5%

Question ID : 65497842134

Status : Answered

Chosen Option : 1

Q.16 If $A = 60^\circ$, what is the value of:

$$\frac{10 \sin \frac{A}{2} + 8 \cos A}{7 \sin \frac{3A}{2} - 12 \cos A} ?$$

Ans ☒ 1. 10

☒ 2. 12

☒ 3. 9

☒ 4. 7

Question ID : 65497844250

Status : Answered

Chosen Option : 3

Q.17 If $3 \sin^2 \theta + 4 \cos \theta - 4 = 0, 0^\circ < \theta < 90^\circ$, then the value of $(\operatorname{cosec}^2 \theta + \cot^2 \theta)$ is

Ans ☒ 1. $\frac{5}{4}$

☒ 2. $\frac{25}{3}$

☒ 3. $\frac{4}{3}$

☒ 4. $\frac{17}{9}$

Question ID : 65497844249

Status : Answered

Chosen Option : 1

Q.18 Three numbers are in the proportion of 3 : 8 : 15 and their LCM is 8280. What is their HCF?

Ans ☒ 1. 60

☒ 2. 69

☒ 3. 75

☒ 4. 57

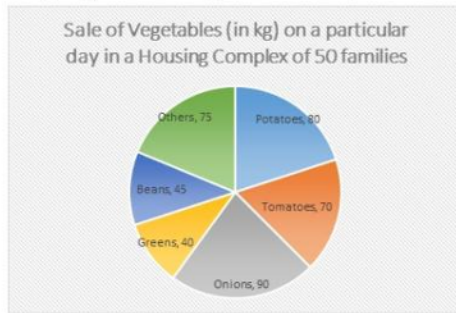
Question ID : 65497843222

Status : Answered

Chosen Option : 2

- Q.19** A vegetable vendor supplies vegetables to a housing complex of 50 families. On a particular day, the break-up sale of vegetables is represented in the form of a pie chart as shown.

Study the pie chart carefully and answer the question that follows.



What is the ratio of the central angle corresponding to the sale of potatoes, tomatoes and beans together to the central angle corresponding to the combined sale of onions and others?

- Ans**
- ☒ 1. 13 : 15
 - ☒ 2. 13 : 11
 - ☒ 3. 11 : 13
 - ☒ 4. 15 : 13

Question ID : 65497843243
Status : Answered
Chosen Option : 2

- Q.20** The value of

$$\frac{\left[\frac{3}{8} - \left(\frac{3}{8} - \left(\frac{5}{8} - \frac{3}{8}\right)\right)\right] \text{ of } 4.8 - 0.9}{4\frac{1}{6} \div 2.5 \times 0.2 \div \frac{1}{5} \text{ of } 50 + \left(\frac{3}{4} - \frac{1}{8}\right)} \text{ is:}$$

- Ans**
- ☒ 1. $\frac{30}{79}$
 - ☒ 2. $\frac{42}{79}$
 - ☒ 3. $\frac{36}{79}$
 - ☒ 4. $\frac{24}{79}$

Question ID : 65497843223
Status : Answered
Chosen Option : 3

Q.21 In a $\triangle ABC$, D, E and F are the mid-points of side BC, CA and AB respectively. If BC = 14.4 cm, CA = 15.2 cm and AB = 12.4 cm, what is the perimeter (in cm) of the $\triangle DEF$?

- Ans**
- ☒ 1. 42
 - ☒ 2. 28
 - ☒ 3. 21
 - ☒ 4. 35

Question ID : 65497844247
Status : Answered
Chosen Option : 3

Q.22 14 men can complete a work in 15 days. If 21 men are employed, then in how many days will they complete the same work?

- Ans**
- ☒ 1. 10
 - ☒ 2. 14
 - ☒ 3. 12
 - ☒ 4. 15

Question ID : 65497844240
Status : Answered
Chosen Option : 1

Q.23 PQ and RS are two parallel chords of a circle of length 14 cm and 48 cm, respectively, and lie on the same side of the centre O. If the distance between the chords is 17 cm, what is the radius (in cm) of the circle?

- Ans**
- ☒ 1. 28
 - ☒ 2. 24
 - ☒ 3. 25
 - ☒ 4. 20

Question ID : 65497843034
Status : Answered
Chosen Option : 3

Q.24 Let $\triangle ABC \sim \triangle QPR$ and (Area of $\triangle ABC$) : (Area of $\triangle PQR$) = 121 : 64. If QP = 14.4 cm, PR = 12 cm and AC = 18 cm, then what is the length of AB?

- Ans**
- ☒ 1. 32.4 cm
 - ☒ 2. 21.6 cm
 - ☒ 3. 19.8 cm
 - ☒ 4. 16.2 cm

Question ID : 65497844248
Status : Answered
Chosen Option : 3

Q.25 If each of the two numbers 5^{16} and 5^{25} are divided by 6, the remainders are R_1 and R_2 , respectively. What is the value

of $\frac{R_1 + R_2}{R_2}$?

Ans

- ☒ 1. $\frac{1}{6}$
- ☒ 2. $\frac{5}{6}$
- ☒ 3. $\frac{1}{5}$
- ☒ 4. $\frac{6}{5}$

Question ID : 65497843019

Status : Answered

Chosen Option : 4

Section : English Comprehension

Q.1 Select the most appropriate **ANTONYM** of the given word.

Altercation

- Ans** ☒ 1. Agreement
- ☒ 2. Argument
- ☒ 3. Quarrel
- ☒ 4. Controversy

Question ID : 65497843062

Status : Answered

Chosen Option : 1

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She performed / the task / at the best / of her ability.

- Ans** ☒ 1. the task
- ☒ 2. of her ability
- ☒ 3. She performed
- ☒ 4. at the best

Question ID : 65497842539

Status : Marked For Review

Chosen Option : 4

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

Obstruct

- Ans** ☒ 1. Approve
☒ 2. Block
☒ 3. Match
☒ 4. Permit

Question ID : 65497843262
Status : Answered
Chosen Option : 2

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

"What is Sonia saying?" said Rohit.

- Ans** ☒ 1. Rohit asked what was Sonia saying.
☒ 2. Rohit asked what Sonia was saying.
☒ 3. Rohit asked that what was Sonia saying.
☒ 4. Rohit asked what is Sonia saying.

Question ID : 65497842147
Status : Answered
Chosen Option : 2

Q.5 Select the option that can be used as a one-word substitute for the given group of words.

A fixed sum paid annually

- Ans** ☒ 1. Bonus
☒ 2. Honorarium
☒ 3. Annuity
☒ 4. Alimony

Question ID : 65497844278
Status : Marked For Review
Chosen Option : 3

Q.6 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'.

Such was his performance that the audience gave a standing ovation.

- Ans** ☒ 1. So was
☒ 2. Much was
☒ 3. No substitution required
☒ 4. Such as

Question ID : 65497843057
Status : Answered
Chosen Option : 3

Q.7 Select the correct passive voice form of the given sentence.

The children are doing hard work.

- Ans ☒ 1. Hard work is being done by the children.
☐ 2. Hard work is done by the children.
☐ 3. Hard work had been done by the children.
☐ 4. Hard work was being done by the children.

Question ID : 65497843250

Status : Answered

Chosen Option : 1

Q.8 Select the option that gives the most appropriate meaning of the underlined idiom.

The new electrician is a green horn, but will learn fast.

- Ans ☐ 1. Efficient
☐ 2. Proficient
☐ 3. Professional
☒ 4. Inexperienced

Question ID : 65497843064

Status : Answered

Chosen Option : 4

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

Several minutes passed / before she returned / carry milk / for the dog.

- Ans ☒ 1. carry milk
☐ 2. Several minutes passed
☐ 3. for the dog
☐ 4. before she returned

Question ID : 65497842138

Status : Answered

Chosen Option : 1

Q.10 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.

It has been / raining intermittently / since two days.

- Ans ☐ 1. raining intermittently
☐ 2. It has been
☐ 3. No error
☒ 4. since two days

Question ID : 65497844358

Status : Answered

Chosen Option : 4

Q.11 Select the most appropriate meaning of the given idiom.

Sticky fingers

- Ans** ☒ 1. An inclination to steal
☐ 2. A habit of licking fingers
☐ 3. A tendency to interfere
☐ 4. A tendency to forget

Question ID : 65497842156
Status : Answered
Chosen Option : 1

Q.12 The following sentence has been divided into parts. One of them contains an error.
Select the part that contains the error from the given options.

The Taj Mahal / is one of / the most beautiful / creation in the world.

- Ans** ☐ 1. The Taj Mahal
☐ 2. the most beautiful
☒ 3. creation in the world
☐ 4. is one of

Question ID : 65497844258
Status : Answered
Chosen Option : 1

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

A person who travels on foot.

- Ans** ☒ 1. Pedestrian
☐ 2. Rover
☐ 3. Dweller
☐ 4. Flyer

Question ID : 65497844279
Status : Answered
Chosen Option : 1

Q.14 Select the most appropriate ANTONYM of the given word.

Spacious

- Ans** ☒ 1. Cramped
☐ 2. Extensive
☐ 3. Boundless
☐ 4. Roomy

Question ID : 65497842154
Status : Answered
Chosen Option : 1

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

I am expected to follow all your instructions, _____?

- Ans ☒ 1. isn't it
☒ 2. am I
☒ 3. aren't I
☒ 4. is it

Question ID : 65497844281

Status : Marked For Review

Chosen Option : 3

Q.16 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Ensure
☒ 2. Adjourn
☒ 3. Purity
☒ 4. Exhaust

Question ID : 65497844280

Status : Answered

Chosen Option : 4

Q.17 Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. It also wants to know how many students have been provided nutritious food and improved their overall health.
B. The Midday Meal Scheme, that aims to provide free food to children, is in focus again.
C. About 1.3 million government schools are covered under this welfare program of children.
D. The Government now wants to take stock of the implementation of the program,

- Ans ☒ 1. BCDA
☒ 2. ADBC
☒ 3. BACD
☒ 4. ADCB

Question ID : 65497843261

Status : Answered

Chosen Option : 3

Q.18 Select the option that expresses the given sentence in passive voice.

Arrest the thief.

- Ans ☒ 1. Let the thief is arrested.
☒ 2. The thief is arrested.
☒ 3. The thief has been arrested.
☒ 4. Let the thief be arrested.

Question ID : 65497844261

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate synonym of the given word.

Commute

- Ans** ☒ 1. Consume
☒ 2. Convert
☒ 3. Condense
☒ 4. Conserve

Question ID : 65497844273

Status : Marked For Review

Chosen Option : 4

Q.20 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'.

In the olden days, many people use to think that the earth was flat.

- Ans** ☒ 1. people used to think
☒ 2. people were used to think
☒ 3. people were thinking
☒ 4. No substitution required

Question ID : 65497843260

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 21

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

- Ans** ☒ 1. certainty
☒ 2. positivity
☒ 3. uncertainty
☒ 4. reliability

Question ID : 65497844263

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 22**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans ☒ 1. has want
☒ 2. want
☒ 3. have want
☒ 4. wants

Question ID : 65497844264

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans ☒ 1. considering
☒ 2. disregarding
☒ 3. excluding
☒ 4. describing

Question ID : 65497844265

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

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

- Ans ☒ 1. selfless
☒ 2. selfish
☒ 3. humane
☒ 4. noble

Question ID : 65497844266

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 25

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

Ans

✓ 1. strife

✗ 2. concord

✗ 3. peace

✗ 4. harmony

Question ID : 65497844267

Status : Answered

Chosen Option : 2

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Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	19/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section : General Intelligence and Reasoning

Q.1 Shweta starts walking from her office and walks 150 m towards the south, then she turns right and walks 80 m, and then she turns left and walks 60 m. She finally turns left and walks 280 m to reach a bank. What is the shortest distance between her office and the bank?

Ans ☒ 1. 280 m

☒ 2.

☒ 3. 410 m

☒ 4. 370 m

Question ID : 65497843189

Status : Answered

Chosen Option : 2

Q.2 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Speaking
2. Standardize
3. Southern
4. Stampede
5. Spacious
6. Sovereignty

Ans ☒ 1. 3, 4, 6, 5, 1, 2

☒ 2. 3, 6, 5, 1, 4, 2

☒ 3. 3, 6, 2, 4, 1, 5

☒ 4. 3, 2, 6, 1, 4, 5

Question ID : 65497844182

Status : Answered

Chosen Option : 2

Q.3 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

E w b a z 4

P
|
Q

Ans

- ✓ 1. **E w b a z 4**
- ✗ 2. **E w b a z 4**
- ✗ 3. **E w b a z 4**
- ✗ 4. **E w b a z 4**

Question ID : 65497844102

Status : Answered

Chosen Option : 1

Q.4 If the father of Swati is the maternal grandfather of Divya, who is the daughter of Manya, then how is Manya's husband's father related to Divya?

- Ans ✗ 1. Maternal uncle
- ✓ 2. Paternal grandfather
- ✗ 3. Father
- ✗ 4. Paternal uncle

Question ID : 65497844088

Status : Answered

Chosen Option : 2

Q.5 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division' and '#' means 'subtraction', then find the value of the following expression.

126 \$ 7 % 3 @ 19 # 21

- Ans ✓ 1. 52
- ✗ 2. 18
- ✗ 3. 23
- ✗ 4. 4

Question ID : 65497842582

Status : Answered

Chosen Option : 1

Q.6 In a certain code language, 'GALLERY' is written as '1422424103650'. How will 'NOSTALGIA' be written in that language?

- Ans ✗ 1. 2830204222414184
- ✗ 2. 2832384222416182
- ✗ 3. 2830384022614362
- ✓ 4. 2830384022414182

Question ID : 65497843176

Status : Answered

Chosen Option : 4

Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.

361, 323, 285, 247, ?

Ans ☒ 1. 215

☒ 2. 232

☒ 3. 227

☒ 4. 209

Question ID : 65497842475

Status : Answered

Chosen Option : 4

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P Q _ Q P P Q R _ P P Q R Q _ P Q R Q _

Ans ☒ 1. Q R P P

☒ 2. R Q P P

☒ 3. P Q R P

☒ 4. P P R Q

Question ID : 65497843986

Status : Answered

Chosen Option : 2

Q.9 Raghav, Manpreet, Sunaina, Prakrit, Vedika and Arwa are sitting around a circular table facing the centre. Raghav is second to the left of Prakrit. Manpreet is to the immediate left of Sunaina. Arwa is second to the right of Vedika. There are an equal number of persons between Raghav and Manpreet from both the ends. Who is sitting third to the left of Sunaina?

Ans ☒ 1. Raghav

☒ 2. Vedika

☒ 3. Arwa

☒ 4. Prakrit

Question ID : 65497844089

Status : Not Answered

Chosen Option : --

Q.10 In a certain code language, 'FIXED' is written as 'XIFED', and 'MOUSE' is written as 'USOME'. How will 'GAMBIT' be written in that language?

Ans ☒ 1. TGMIBA

☒ 2. TMGIBA

☒ 3. TMIGBA

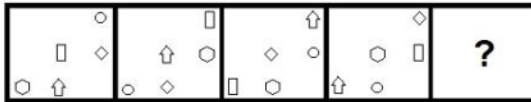
☒ 4. TIMGAB

Question ID : 65497843983

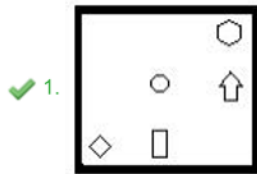
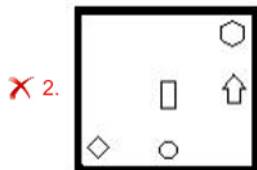
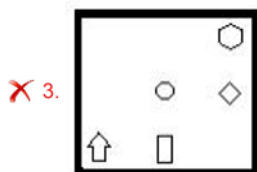
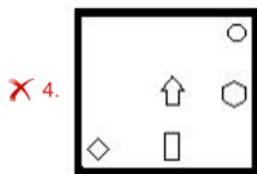
Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 65497844099

Status : Answered

Chosen Option : 1

Q.12 In the following Venn diagram, the pentagon stands for 'clerks', the triangle stands for 'coffee-lovers', the square stands for 'car-owners' and the circle stands for 'social workers'. The given letters represent the persons in that particular category.



Which of the following categories of persons is represented by the letter 'D'?

Ans

✗ 1. Coffee-lovers who are either car-owners or social workers

✓ 2. Coffee-lovers who are car-owners and social workers also

✗ 3. Car-owners who are coffee-lovers but not social workers

✗ 4.

Coffee-lovers who are car-owners, social workers and clerks also

Question ID : 65497842993

Status : Answered

Chosen Option : 2

Q.13 Select the correct combination of mathematical signs that can sequentially replace the * signs to balance the following equation.

$$22 * 66 * 33 * 11 * 44 * 0$$

Ans ☒ 1. +, ÷, ×, -, =

☐ 2. ×, ÷, +, -, =

☐ 3. +, ÷, -, ×, =

☐ 4. ÷, +, ×, -, =

Question ID : 65497844096

Status : Answered

Chosen Option : 1

Q.14 Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair.

25 : 343

Ans ☒ 1. 24 : 216

☐ 2. 29 : 121

☐ 3. 34 : 510

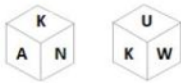
☐ 4. 30 : 729

Question ID : 65497843184

Status : Answered

Chosen Option : 1

Q.15 Six letters, A, P, K, U, W and N, are written on different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the one having N.



Ans ☐ 1. W

☐ 2. P

☒ 3. U

☐ 4. A

Question ID : 65497842585

Status : Answered

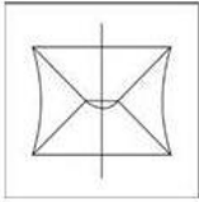
Chosen Option : 3

Q.16 Select the option in which the given figure is embedded (rotation is NOT allowed).

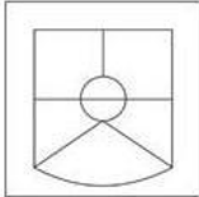


Ans

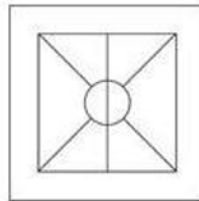
✗ 1.



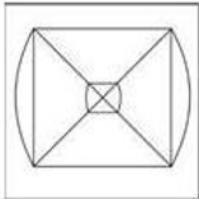
✗ 2.



✓ 3.



✗ 4.



Question ID : 65497842485

Status : Answered

Chosen Option : 3

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

PGF, QJK, RMP, SPU, ?

Ans

✗ 1. RTZ

✗ 2. USX

✓ 3. TSZ

✗ 4. STY

Question ID : 65497842565

Status : Answered

Chosen Option : 3

Q.18 A total amount of ₹2,95,000 is to be distributed between Vineet, Prateek and Mayank in such a way that Vineet gets half of the amount that Mayank gets and Prateek gets ₹25,000 less than Vineet. How much amount will Vineet get?

Ans ☒ 1. ₹80,000

☐ 2. ₹55,000

☐ 3. ₹70,000

☐ 4. ₹85,000

Question ID : 65497842983

Status : Answered

Chosen Option : 1

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.

12, 38, 116, 350, ?

Ans ☒ 1. 1052

☐ 2. 986

☐ 3. 916

☐ 4. 1012

Question ID : 65497842577

Status : Answered

Chosen Option : 1

Q.20 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 schools are colleges.

All colleges are universities.

Conclusions:

I. All universities are schools.

II. Some universities are colleges.

Ans ☐ 1. Either conclusion I or II follows.

☐ 2. Only conclusion I follows.

☒ 3. Only conclusion II follows.

☐ 4. Both the conclusions follow.

Question ID : 65497842575

Status : Answered

Chosen Option : 3

Q.21 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. LQJ

☒ 2. HLP

☐ 3. SXC

☐ 4. FKP

Question ID : 65497842466

Status : Answered

Chosen Option : 3

Q.22 In a certain code, 'jig fig vic' means 'I love India' and 're dig fig lic vic' means 'I like culture of India'. Which of the following is the code for 'love'?

- Ans
- ☒ 1. vic
 - ☒ 2. lic
 - ☒ 3. fig
 - ☒ 4. jig

Question ID : 65497842470
Status : Answered
Chosen Option : 4

Q.23 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

8 55 56
91 28 2 68 20 11 27 ? 7
13 17 9

- Ans
- ☒ 1. 20
 - ☒ 2. 24
 - ☒ 3. 30
 - ☒ 4. 18

Question ID : 65497842479
Status : Not Attempted and Marked For Review
Chosen Option : --

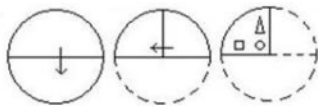
Q.24 Select the option that is related to the third term in the same way as the second term is related to the first term.

QUICKER : TGMEKWS :: REPORTS : ?

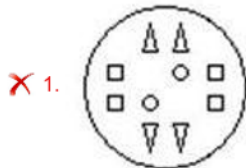
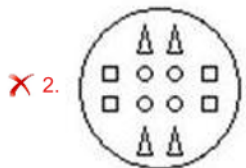
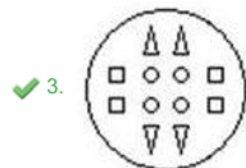
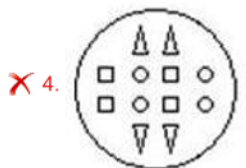
- Ans
- ☒ 1. UVTQRGT
 - ☒ 2. VUTQRGS
 - ☒ 3. USVQRGT
 - ☒ 4. UVTRRHT

Question ID : 65497842972
Status : Answered
Chosen Option : 1

Q.25 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 65497843194

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 Which of the following is a mountain between India and Nepal?

Ans ✗ 1. Makalu

✗ 2. Manaslu

✗ 3. Dhaulagiri

✓ 4. Kanchenjunga

Question ID : 65497842602

Status : Answered

Chosen Option : 4

Q.2 Who among the following Indian musicians was a part of a band named 'Planet Drum' along with Mickey Hart, Sikiru Adepoju, and Giovanni Hidalgo, whose first album received the 1992 Grammy Award for Best World Music Album, which was the first Grammy in this category?

- Ans** ☒ 1. Bhimsen Joshi
☒ 2. Zakir Hussain
☒ 3. Ravi Shankar
☒ 4. Hariprasad Chaurasia

Question ID : 65497843214
Status : Answered
Chosen Option : 1

Q.3 According to the Union Budget 2020-2021, the bank credit growth as of January 1, 2021, stood at _____%

- Ans** ☒ 1. 5.9
☒ 2. 6.7
☒ 3. 5.2
☒ 4. 7.1

Question ID : 65497844109
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.4 Which of the following is a characteristic of amorphous solids?

- Ans** ☒ 1. A definite and characteristic enthalpy of fusion
☒ 2. Melting at a sharp and characteristic temperature
☒ 3. A definite characteristic geometrical shape
☒ 4. Gradual softening over a range of temperatures

Question ID : 65497842495
Status : Not Answered
Chosen Option : --

Q.5 Which of the following techniques can be used for reducing the total dissolved solids (TDS) in water?

- (1) Ion Exchange
(2) Distillation
(3) Carding

- Ans** ☒ 1. Only 1
☒ 2. Only 3
☒ 3. Both 1 and 2
☒ 4. Both 2 and 3

Question ID : 65497843203
Status : Answered
Chosen Option : 3

Q.6 The Constituent Assembly was recognised by Section _____ of the Indian Independence Act, 1947.

- Ans
- ☒ 1. 6(2)
 - ☒ 2. 10(1)
 - ☒ 3. 12(2)
 - ☒ 4. 8(1)

Question ID : 65497842511
Status : Not Answered
Chosen Option : --

Q.7 In India, the Protection of Children from Sexual Offences (POCSO) Act, _____ is a comprehensive law to provide for the protection of children from the offences of sexual assault, sexual harassment and pornography, while safeguarding the interests of the child.

- Ans
- ☒ 1. 2012
 - ☒ 2. 2006
 - ☒ 3. 2010
 - ☒ 4. 2008

Question ID : 65497843216
Status : Not Answered
Chosen Option : --

Q.8 Lalita is a form of folk music from _____.

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

Question ID : 65497842489
Status : Answered
Chosen Option : 1

Q.9 The 74th Amendment Act of 1992 added a new Part _____ to the Constitution of India.

- Ans
- ☒ 1. X
 - ☒ 2. IX-A
 - ☒ 3. IX
 - ☒ 4. VIII

Question ID : 65497844126
Status : Not Answered
Chosen Option : --

Q.10 With which of the following organisations was Lala Har Dayal associated?

- Ans ☒ 1. Ghadar Party
☐ 2. Indian Independence League
☐ 3. Indian Home Rule Society
☐ 4. Swaraj Party

Question ID : 65497842605
Status : Answered
Chosen Option : 1

Q.11 In which Indian state is the 'Fatorpa Zatra' celebrated?

- Ans ☐ 1. Madhya Pradesh
☒ 2. Goa
☐ 3. Kerala
☐ 4. Himachal Pradesh

Question ID : 65497842591
Status : Not Answered
Chosen Option : --

Q.12 As per the Economic Survey 2021, in which of the following states did the proportion of households that had health insurance decrease by 12% from 2015-16 to 2019-20?

- Ans ☒ 1. West Bengal
☐ 2. Assam
☐ 3. Bihar
☐ 4. Sikkim

Question ID : 65497842997
Status : Not Answered
Chosen Option : --

Q.13 Capsaicinoids, carotenoids, phenolics, and vitamins are dominant chemicals in which of the following foods?

- Ans ☐ 1. Carrot
☐ 2. Garlic
☐ 3. Radish
☒ 4. Chilli

Question ID : 65497843004
Status : Answered
Chosen Option : 1

Q.14 What is the atomic number of nitrogen?

- Ans ☐ 1. 6
☐ 2. 8
☒ 3. 7
☐ 4. 5

Question ID : 65497844114
Status : Answered
Chosen Option : 3

Q.15 The Hundru Fall lies along the course of which of the following rivers?

- Ans ☒ 1. Damodar
☒ 2. Sone
☒ 3. Mahanadi
☒ 4. Subarnarekha

Question ID : 65497844116
Status : Answered
Chosen Option : 3

Q.16 Who among the following was nominated for the Saraswati Samman, 2020?

- Ans ☒ 1. Manoj Das
☒ 2. Sharankumar Limbale
☒ 3. Pratibha Ray
☒ 4. Manishankar Mukherjee

Question ID : 65497843013
Status : Answered
Chosen Option : 2

Q.17 After the death of Shri Guru Gobind Singh, the Sikhs revolted against the _____ under the leadership of Banda Bahadur.

- Ans ☒ 1. Gurkhas
☒ 2. Mughals
☒ 3. British
☒ 4. Marathas

Question ID : 65497842503
Status : Answered
Chosen Option : 2

Q.18 Who among the following is the author of the book 'The Coalition Years'?

- Ans ☒ 1. Giani Zail Singh
☒ 2. APJ Abdul Kalam
☒ 3. Pranab Mukherjee
☒ 4. KR Narayanan

Question ID : 65497844122
Status : Not Answered
Chosen Option : --

Q.19 Who among the following won the All England Open Badminton Championship 2020 in the Men's Singles category?

- Ans ☒ 1. Viktor Axelsen
☒ 2. Kento Momota
☒ 3. Anders Antonsen
☒ 4. Chou Tien-chen

Question ID : 65497843018
Status : Answered
Chosen Option : 1

Q.20 In which of the following years was the Mont-Ford Reforms report presented by the British colonial government in India?

- Ans
- ☐ 1. 1907
 - ☒ 2. 1918
 - ☐ 3. 1934
 - ☐ 4. 1942

Question ID : 65497843212
Status : Not Answered
Chosen Option : --

Q.21 Which of the following is the shallowest part of the ocean showing an average gradient of 1° or even less?

- Ans
- ☐ 1. Oceanic deeps
 - ☒ 2. Continental shelf
 - ☐ 3. ontinental slope
 - ☐ 4. Deep sea plain

Question ID : 65497842502
Status : Answered
Chosen Option : 2

Q.22 Who among the following created a national record in the javelin throw event at the third Indian Grand Prix meet in March 2021?

- Ans
- ☐ 1. Vipin Kasana
 - ☐ 2. Devendra Jhajharia
 - ☐ 3. Shivpal Singh
 - ☒ 4. Neeraj Chopra

Question ID : 65497842613
Status : Answered
Chosen Option : 4

Q.23 Which of the following is a foreign bank operating in India as of 31st May 2021?

- Ans
- ☐ 1. Axis Bank Ltd
 - ☐ 2. HDFC Bank Ltd
 - ☒ 3. BNP Paribas
 - ☐ 4. ICICI Bank Ltd

Question ID : 65497843198
Status : Answered
Chosen Option : 2

Q.24 Which day has been declared by the World Health Organization as Hand Hygiene Day?

- Ans ☒ 1. 5th May
☐ 2. 18th August
☐ 3. 21st July
☐ 4. 14th June

Question ID : 65497842595
Status : Not Answered
Chosen Option : --

Q.25 Which of the following is a disease caused by drinking contaminated water?

- Ans ☐ 1. Scurvy
☒ 2. Cholera
☐ 3. Rickets
☐ 4. Anaemia

Question ID : 65497843002
Status : Answered
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 The circumcentre of an equilateral triangle is at a distance of 3.2 cm from the base of the triangle. What is the length (in cm) of each of its altitudes?

- Ans ☒ 1. 9.6
☐ 2. 7.2
☐ 3. 6.4
☐ 4. 12.8

Question ID : 65497843237
Status : Answered
Chosen Option : 1

Q.2 In $\triangle ABC$, $\angle A = 66^\circ$, $BD \perp AC$ and $CE \perp AB$. BD and EC intersect at P . The bisectors $\angle PBC$ and $\angle PCB$ meet at Q . What is the measure of $\angle BQC$?

- Ans ☐ 1. 127°
☐ 2. 132°
☐ 3. 143°
☒ 4. 147°

Question ID : 65497844147
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.3 A circle is inscribed in $\triangle ABC$, touching AB, BC and AC at the points P, Q and R, respectively. If $AB - BC = 4$ cm, $AB - AC = 2$ cm and the perimeter of $\triangle ABC = 32$ cm, then $\frac{BC}{2}$ (in cm) = ?

Ans

- ✗ 1. $\frac{20}{3}$
 ✓ 2. $\frac{13}{3}$
 ✗ 3. $\frac{11}{3}$
 ✗ 4. $\frac{10}{3}$

Question ID : 65497842528

Status : Answered

Chosen Option : 2

Q.4 A is 120% of B and B is 65% of C. If the sum of A, B and C is 121.5, then the value of $C - 2B + A$ is:

Ans

- ✗ 1. 14
 ✗ 2. 35
 ✓ 3. 24
 ✗ 4. 39

Question ID : 65497842620

Status : Answered

Chosen Option : 3

Q.5 An article is sold at a profit of $13\frac{1}{4}\%$. Had it been sold for ₹76.70 more, the profit would have been $16\frac{1}{5}\%$. 50% of the cost price of the article (in ₹) is:

Ans

- ✗ 1. 1,250
 ✗ 2. 2,500
 ✓ 3. 1,300
 ✗ 4. 1,500

Question ID : 65497844136

Status : Answered

Chosen Option : 1

Q.6 If $a^2 + b^2 + 49c^2 + 18 = 2(b + 28c - a)$, then the value of $(2a - b + 7c)$ is:

Ans

- ✗ 1. 5
 ✗ 2. -3
 ✗ 3. -4
 ✓ 4. 1

Question ID : 65497844142

Status : Answered

Chosen Option : 4

Q.7 If $x^2 - 5x - 1 = 0$, what is the value of

$$\frac{x^6 - x^4 + x^2 - 1}{x^2} ?$$

- Ans
- ☒ 1. 145
 - ☒ 2. 140
 - ☒ 3. 130
 - ☒ 4. 135

Question ID : 65497843234
Status : Answered
Chosen Option : 1

Q.8 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then 50% of the length of PA (in cm) is:

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

Question ID : 65497842630
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.9 Find a single discount percentage equivalent to successive discounts of 10%, 20% and 25%.

- Ans
- ☒ 1. 55%
 - ☒ 2. 46%
 - ☒ 3. 20%
 - ☒ 4. 18.3%

Question ID : 65497843427
Status : Answered
Chosen Option : 2

Q.10 What is the LCM of 3.6, 1.8 and 0.144?

- Ans
- ☒ 1. 3.6
 - ☒ 2. 36
 - ☒ 3. 3600
 - ☒ 4. 360

Question ID : 65497843020
Status : Answered
Chosen Option : 1

Q.11 A car covers a distance of 90 km in 50 min. What is its speed (in m/s)?

- Ans**
- ☒ 1. 60
 - ☒ 2. 90
 - ☒ 3. 108
 - ☒ 4. 30

Question ID : 65497843231

Status : Answered

Chosen Option : 4

Q.12 The compound interest on a certain sum of money at 21% p.a. for 2 years is ₹11,138.40 (interest compounded yearly). The total amount received (in ₹) after 2 years is:

- Ans**
- ☒ 1. 31,538.40
 - ☒ 2. 24,000.50
 - ☒ 3. 35,138.40
 - ☒ 4. 28,315.40

Question ID : 65497842522

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.13 A 20 m long ladder rests against a wall so that the angle between the ladder and the wall is 30° . How far (in m) is the base of the ladder from the wall?

- Ans**
- ☒ 1. $10\sqrt{3}$
 - ☒ 2. $20\sqrt{3}$
 - ☒ 3. 20
 - ☒ 4. 10

Question ID : 65497843039

Status : Answered

Chosen Option : 2

Q.14 A and B had a joint business in which A invested ₹60,000 in the business for one year. After 3 months B invested ₹80,000. At the beginning of the second year, A invested ₹30,000 more and B withdrew ₹5,000. At the end of two years, profit earned by A is ₹35,880. What is the profit (in ₹) earned by B, if they distributed half of the total profit equally and rest in the capital ratio?

- Ans**
- ☒ 1. 69,920
 - ☒ 2. 38,060
 - ☒ 3. 34,040
 - ☒ 4. 58,940

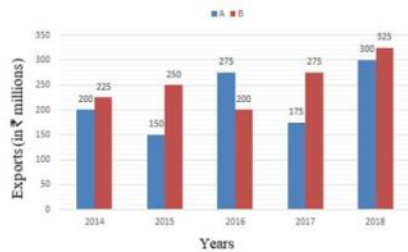
Question ID : 65497843228

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.15 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 B from 2015 to 2018 is what percentage more than the total exports of cars of type A from 2015 to 2018 (correct to one decimal place)?

- Ans**
- ☒ 1. 17.2%
 - ☒ 2. 15.5%
 - ☒ 3. 14.9%
 - ☒ 4. 16.7%

Question ID : 65497842535
Status : Answered
Chosen Option : 4

Q.16 Two similar jugs have their heights of 8 cm and 12 cm, respectively. If the capacity of the smaller jug is 80 cm³, what is the capacity of the bigger jug (in cm³)?

- Ans**
- ☒ 1. 120
 - ☒ 2. 192
 - ☒ 3. 216
 - ☒ 4. 270

Question ID : 65497843333
Status : Answered
Chosen Option : 1

Q.17 The average of three numbers is 15. The average of the second and the third number is 12.5. What is the first number?

- Ans**
- ☒ 1. 18
 - ☒ 2. 21
 - ☒ 3. 24
 - ☒ 4. 20

Question ID : 65497843325
Status : Answered
Chosen Option : 4

Q.18 If $\cos B = \frac{5}{7}$, what is the value of $\operatorname{cosec} B + \cot B$? Given that $0 < B < \frac{\pi}{2}$

Ans

- ☒ 1. $\frac{5}{\sqrt{6}}$
- ☒ 2. $\frac{\sqrt{6}}{12}$
- ☒ 3. $\frac{7}{\sqrt{6}}$
- ☒ 4. $\sqrt{6}$

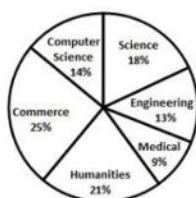
Question ID : 65497844149

Status : Answered

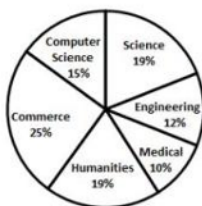
Chosen Option : 4

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, respectively, in academic years 2019 and 2020.

What is the ratio of the number of students studying science in the year 2019 to that in the year 2020?



Academic Year 2019



Academic Year 2020

Ans

- ☒ 1. 18 : 19
- ☒ 2. 20 : 21
- ☒ 3. 15 : 19
- ☒ 4. 14 : 15

Question ID : 65497843446

Status : Answered

Chosen Option : 2

Q.20 If $\cos 53^\circ = \frac{x}{y}$, then $\sec 53^\circ + \cot 37^\circ$ is equal to:

Ans

☐ 1. $\frac{x + \sqrt{y^2 - x^2}}{y}$

☐ 2. $\frac{x + \sqrt{y^2 - x^2}}{x}$

☒ 3. $\frac{y + \sqrt{y^2 - x^2}}{x}$

☐ 4. $\frac{y + \sqrt{y^2 - x^2}}{y}$

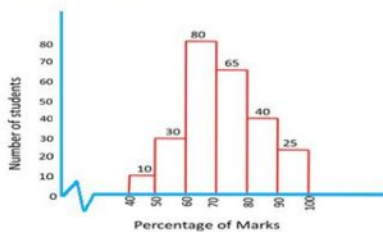
Question ID : 65497843239

Status : Answered

Chosen Option : 3

Q.21 Study the given histogram and answer the question that follows.

The histogram represents the percentage of marks obtained by a number of students of a school in the class X Board Examination in 2018. The total number of students = 250.



The number of students who have obtained less than 50% marks is approximately what percentage less than the number of students who have obtained 90% marks and above?

Ans

☐ 1. 75%

☒ 2. 60%

☐ 3. 80%

☐ 4. 40%

Question ID : 65497842538

Status : Answered

Chosen Option : 2

Q.22

The given pie charts show the number of start-ups in various industries since 2010 and the number of successful start-ups in those industries.

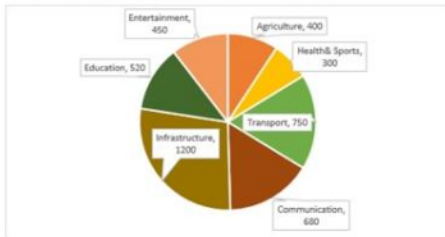
Study the charts and answer the question that follows.

Start-ups in various industries started since 2010

Number of Start-ups



Successful start-ups in various industries



What should be the increase in the number (to the nearest integer) of successful start-ups in the industry of Health & Sports, so that its success percentage is the same as that of Education?

- Ans
- ☒ 1. 220
 - ☒ 2. 155
 - ☒ 3. 187
 - ☒ 4. 127

Question ID : 65497843041

Status : Not Answered

Chosen Option : --

Q.23

If $8A5146B$ is divisible by 88, then what is the value of A^B ?

- Ans
- ☒ 1. 27
 - ☒ 2. 64
 - ☒ 3. 81
 - ☒ 4. 12

Question ID : 65497842615

Status : Not Answered

Chosen Option : --

Q.24 X, Y and Z can complete a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 7 days. If Z joined them after 8 days from the beginning, then for how many days did Y work?

Ans

✗ 1. $12\frac{5}{7}$

✓ 2. $11\frac{5}{7}$

✗ 3. $10\frac{5}{7}$

✗ 4. $9\frac{5}{7}$

Question ID : 65497844139

Status : Answered

Chosen Option : 1

Q.25 What is the simplified value of the following?

$$\frac{9 \div \frac{3}{7} \text{ of } (9 + 6 \times \overline{4 - 2}) + \left[\frac{1}{5} \div \frac{7}{25} - \left\{ \frac{5}{8} + \frac{6}{16} \right\} \right]}{24 \div \overline{16 - 10} + 36 \div (5 + 20 \div 4 - 1)}$$

Ans

✗ 1. $\frac{40}{7}$

✓ 2. $\frac{5}{56}$

✗ 3. $\frac{7}{40}$

✗ 4. $\frac{51}{56}$

Question ID : 65497843021

Status : Answered

Chosen Option : 3

Section : English Comprehension

Q.1 The following sentence has been divided into parts. One of them may contain a grammatical 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 park is / the largest bird sanctuary / in the State.

Ans

✗ 1. the largest bird sanctuary

✗ 2. This park is

✓ 3. No error

✗ 4. in the State

Question ID : 65497842337

Status : Answered

Chosen Option : 3

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

Monotonous

- Ans** ☒ 1. Boring
 ☐ 2. Compulsory
 ☐ 3. Eventful
 ☐ 4. Momentous

Question ID : **65497843263**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the most appropriate meaning of the given idiom.

To hold water

- Ans** ☒ 1. To be valid and reasonable
 ☐ 2. To be unsteady and unsure
 ☐ 3. To be large and deep
 ☐ 4. To be sad and depressed

Question ID : **65497842560**
Status : **Answered**
Chosen Option : **4**

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I asked my friend / where had he / learnt to dance / so well.

- Ans** ☒ 1. where had he
 ☐ 2. learnt to dance
 ☐ 3. I asked my friend
 ☐ 4. so well

Question ID : **65497842542**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the correct passive voice form of the given sentence.

The Chief Minister inaugurated the new hospital.

- Ans** ☒ 1. I will be assigning a new project to my manager.
 ☐ 2. My manager is assigning me a new project.
 ☐ 3. My manager has assigned me a new project.
 ☐ 4. I am being assigned a new project by my manager.

Question ID : **65497843251**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

A style of cooking food, characteristic of a particular country or region

Ans ☒ 1. Creche

☒ 2. Antique

☒ 3. Menu

☒ 4. Cuisine

Question ID : 65497843268

Status : Answered

Chosen Option : 4

Q.7 Select the most appropriate meaning of the given idiom.

Play with fire

Ans ☒ 1. To be courageous

☒ 2. To spread knowledge

☒ 3. To do something dangerous

☒ 4. To fight an opponent

Question ID : 65497842660

Status : Answered

Chosen Option : 3

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

Abandon

Ans ☒ 1. Possess

☒ 2. Retain

☒ 3. Rescue

☒ 4. Quit

Question ID : 65497843060

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.

Shamim have not / attended school / for four days now.

Ans ☒ 1. attended school

☒ 2. for four days now

☒ 3. Shamim have not

☒ 4. No error

Question ID : 65497844357

Status : Answered

Chosen Option : 3

Q.10 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 dress may pleasantly be delivered to us at the earliest.

- Ans ☒ 1. No substitution required
☒ 2. may kindly
☒ 3. might kindly
☒ 4. must pleasantly

Question ID : 65497843058
Status : Answered
Chosen Option : 2

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

Unable to express feelings clearly

- Ans ☒ 1. Inarticulate
☒ 2. Affluent
☒ 3. Eloquent
☒ 4. Verbose

Question ID : 65497844178
Status : Answered
Chosen Option : 1

Q.12 Select the most appropriate ANTONYM of the given word.

Constrict

- Ans ☒ 1. Smite
☒ 2. Choke
☒ 3. Stretch
☒ 4. Cramp

Question ID : 65497842658
Status : Answered
Chosen Option : 3

Q.13 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Since setting up, the charity has raised a million dollars.

- Ans ☒ 1. Since being set up
☒ 2. From setting up
☒ 3. Since setting
☒ 4. No improvement required

Question ID : 65497842653
Status : Answered
Chosen Option : 1

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

- A. For example, the sound of footsteps followed by the slam of a door are like phrases which convey some information.
- B. In films, sound effects play the part of words.
- C. We then know who is performing an action and why, and a clear picture is formed in our mind's eye.
- D. Once the sounds are prefaced or followed by a dialogue, the sentence is complete.

Ans ☒ 1. DCBA
☒ 2. CBDA
☒ 3. BCDA
☒ 4. BADC

Question ID : 65497843059
Status : Answered
Chosen Option : 4

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I was angry / on myself / for making / such a silly mistake.

Ans ☒ 1. such a silly mistake
☒ 2. for making
☒ 3. on myself
☒ 4. I was angry

Question ID : 65497843248
Status : Answered
Chosen Option : 3

Q.16 Select the most appropriate option to fill in the blank.

_____ or not you allow me, I am going to the fair.

Ans ☒ 1. Whether
☒ 2. Unless
☒ 3. If
☒ 4. Until

Question ID : 65497844180
Status : Answered
Chosen Option : 3

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

Can you carry my bag upstairs?

Ans ☒ 1. Was my bag carried upstairs by you?
☒ 2. Could your bag be carried upstairs by me?
☒ 3. Can my bag be carried upstairs by you?
☒ 4. Can your bag be carried upstairs by me?

Question ID : 65497843048
Status : Answered
Chosen Option : 3

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

Taut

- Ans**
- ☒ 1. Tight
 - ☒ 2. Solid
 - ☒ 3. Strong
 - ☒ 4. Slack

Question ID : 65497842558

Status : Answered

Chosen Option : 4

Q.19 Select the option that expresses the given sentence in direct speech.

She asked me what my favourite cuisine was.

- Ans**
- ☒ 1. She said to me, "What is your favourite cuisine?"
 - ☒ 2. She said to me, "What my favourite cuisine is?"
 - ☒ 3. She said to me, "What is my favourite cuisine?"
 - ☒ 4. She said to me, "What your favourite cuisine was?"

Question ID : 65497842551

Status : Answered

Chosen Option : 1

Q.20 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Disturbence
 - ☒ 2. Genius
 - ☒ 3. Opportunity
 - ☒ 4. Conscious

Question ID : 65497843270

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) _____ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) _____ in nature, so, many birds, animals, and plants are on the verge of (3) _____ day by day. The only way to (4) _____ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) _____ and protect our environment.

SubQuestion No : 21

Q.21 Select the most appropriate option for blank 1.

- Ans**
- ☒ 1. generated
 - ☒ 2. absorbed
 - ☒ 3. created
 - ☒ 4. emitted

Question ID : 65497844162

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) _____ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) _____ in nature, so, many birds, animals, and plants are on the verge of (3) _____ day by day. The only way to (4) _____ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) _____ and protect our environment.

SubQuestion No : 22

Q.22 Select the most appropriate option for blank 2.

- Ans ✓ 1. an imbalance
 ✗ 2. a difference
 ✗ 3. an inequality
 ✗ 4. a balance

Question ID : 65497844163

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) _____ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) _____ in nature, so, many birds, animals, and plants are on the verge of (3) _____ day by day. The only way to (4) _____ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) _____ and protect our environment.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank 3.

- Ans ✗ 1. survival
 ✗ 2. distinction
 ✗ 3. appearance
 ✓ 4. extinction

Question ID : 65497844164

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) _____ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) _____ in nature, so, many birds, animals, and plants are on the verge of (3) _____ day by day. The only way to (4) _____ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) _____ and protect our environment.

SubQuestion No : 24

Q.24 Select the most appropriate option for blank 4.

Ans ✓ 1. eradicate

✗ 2. sustain

✗ 3. radiate

✗ 4. introduce

Question ID : 65497844165

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) _____ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) _____ in nature, so, many birds, animals, and plants are on the verge of (3) _____ day by day. The only way to (4) _____ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) _____ and protect our environment.

SubQuestion No : 25

Q.25 Select the most appropriate option for blank 5.

Ans ✗ 1. ruin

✓ 2. preserve

✗ 3. destroy

✗ 4. neglect

Question ID : 65497844166

Status : Not Answered

Chosen Option : --

Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	19/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

Section : General Intelligence and Reasoning

Q.1 Three years ago, the difference between the age of Ravish and the age of Kailash was 18 years. Three years from today, Ravish will be three times as old as Kailash. What is the present age of Ravish (in years)?

Ans ☒ 1. 24

☐ 2. 21

☐ 3. 27

☐ 4. 18

Question ID : 65497841973

Status : Answered

Chosen Option : 2

Q.2 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14 21 165

13 19 ?

10 17 99

Ans ☐ 1. 156

☒ 2. 140

☐ 3. 120

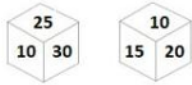
☐ 4. 175

Question ID : 65497843287

Status : Not Answered

Chosen Option : --

Q.3 Six numbers, 5, 10, 15, 20, 25 and 30, are written on different faces of a dice. Two positions of this dice are shown.
Select the number that will be on the face opposite to the face having the number '15'.



- Ans
- ☒ 1. 10
 - ☒ 2. 30
 - ☒ 3. 20
 - ☒ 4. 5

Question ID : 65497842181
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.

BEC, CID, FOG, KUL, ?

- Ans
- ☒ 1. BAY
 - ☒ 2. RAS
 - ☒ 3. QOR
 - ☒ 4. RAR

Question ID : 65497842774
Status : Answered
Chosen Option : 2

Q.5 Niraj is the father of Rinku. Jiya and Tiya are the daughters of Ruby, who is the only sister of Rinku. Vishnu is the son of Rinku and Gita. How is Niraj related to Tiya?

- Ans
- ☒ 1. Maternal grandfather
 - ☒ 2. Paternal uncle
 - ☒ 3. Paternal grandfather
 - ☒ 4. Maternal uncle

Question ID : 65497842371
Status : Answered
Chosen Option : 1

Q.6 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843293

Status : Answered

Chosen Option : 1

Q.7 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.

LGS : PLY :: MKB : ?

Ans ✓ 1. QPH

✗ 2. QOF

✗ 3. RQG

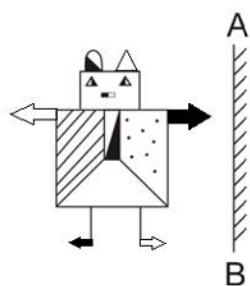
✗ 4. PQG

Question ID : 65497841962

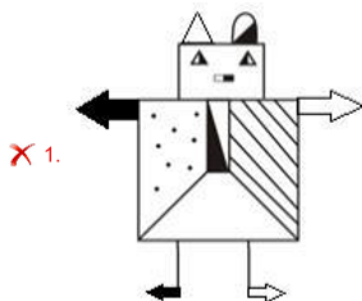
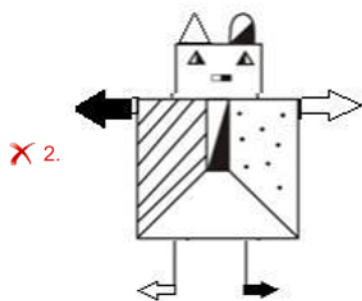
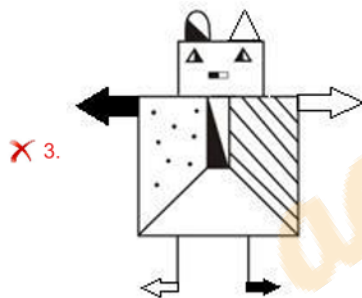
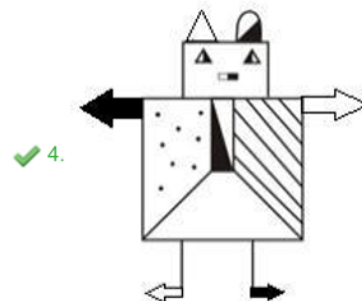
Status : Answered

Chosen Option : 1

Q.8 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans



Question ID : 65497842385

Status : Answered

Chosen Option : 4

Q.9 In a certain code language, 'she needs some medicines' is written as '1542', 'take some water' is written as '849', 'he needs rest' is written as '713', and 'she is water' is written as '269'. How will 'take medicines' be written in that language?

Ans ☒ 1. 45

☒ 2. 92

☒ 3. 85

☒ 4. 81

Question ID : 65497843278

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:

All rabbits are cows.

Some rabbits are cats.

Conclusions:

I. All cats are rabbits.

II. Some cows are rabbits.

Ans ☒ 1. Only conclusion I follows.

☒ 2. Both the conclusions follow.

☒ 3. Only conclusion II follows.

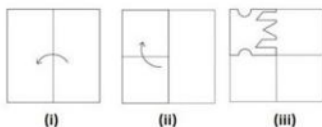
☒ 4. Either conclusion I or II follows.

Question ID : 65497842171

Status : Answered

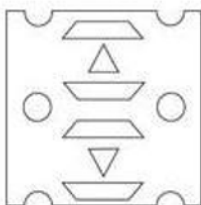
Chosen Option : 3

Q.11 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).

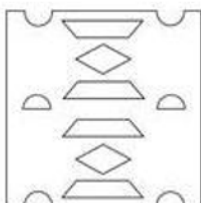


Ans

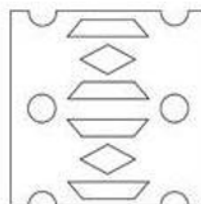
✗ 1.



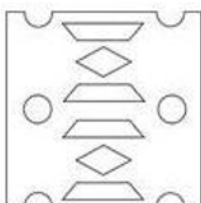
✗ 2.



✓ 3.



✗ 4.



Question ID : 65497842285

Status : Answered

Chosen Option : 3

Q.12 Select the option that is related to the third number in the same way as the second number is related to the first number.

3824 : 4935 :: 5716 : ?

Ans ✗ 1. 6782

✓ 2. 6827

✗ 3. 6087

✗ 4. 6287

Question ID : 65497842275

Status : Answered

Chosen Option : 2

Q.13 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Recording
2. Rehearsal
3. Viewers
4. Script
5. Video Editing

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

Question ID : 65497843071
Status : Answered
Chosen Option : 2

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

9, 38, 154, 618, ?

Ans ☒ 1. 928
☒ 2. 2474
☒ 3. 1268
☒ 4. 735

Question ID : 65497842173
Status : Answered
Chosen Option : 2

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

LJV, NMR, PPN, RSJ, ?

Ans ☒ 1. SUG
☒ 2. SWK
☒ 3. TVN
☒ 4. TVF

Question ID : 65497842161
Status : Answered
Chosen Option : 4

Q.16 Which two signs need to be interchanged to make the following equation correct?

$$45 \div 15 \times 5 + 15 - 11 = 39$$

Ans ☒ 1. - and $\times$
☒ 2. - and +
☒ 3. + and $\times$
☒ 4. $\div$ and +

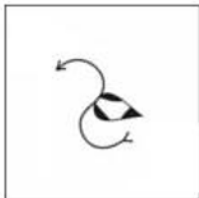
Question ID : 65497842379
Status : Answered
Chosen Option : 4

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



Ans

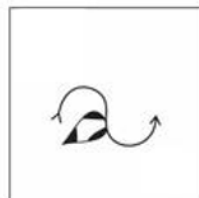
✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 65497842382

Status : Answered

Chosen Option : 3

Q.18 Six children, G, H, I, J, K, and L, are sitting around a circular table facing towards the centre. J and K are sitting to the immediate left and right of G, respectively. L is sitting to the immediate left of J, but not to the immediate right of H. Who is sitting to the immediate right of K?

Ans ✗ 1. J

✓ 2. H

✗ 3. L

✗ 4. I

Question ID : 65497842372

Status : Answered

Chosen Option : 2

Q.19 In a certain code language, 'COLOUR' is written as 'FQOQXT' and 'VIOLET' is written as 'YKRNHV'. How will 'PURPLE' be written in that language?

- Ans**
- ☒ 1. SXUSOG
 - ☒ 2. RWUSPH
 - ☒ 3. SWUROG
 - ☒ 4. RXWSOH

Question ID : 65497842771
Status : Answered
Chosen Option : 3

Q.20 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. HAUPL
 - ☒ 2. YRLGC
 - ☒ 3. GZTNK
 - ☒ 4. ATNIE

Question ID : 65497843274
Status : Answered
Chosen Option : 3

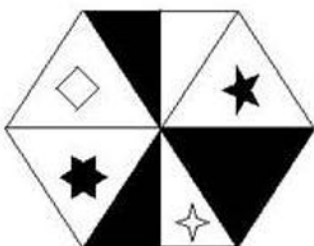
aglasem.com

Q.21 Which of the option figures, when rotated 135° clockwise followed by 45° anticlockwise, will result in the given question figure?

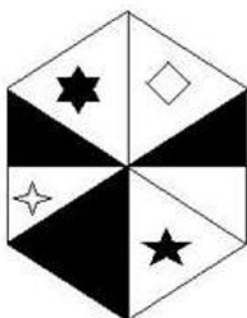


Ans

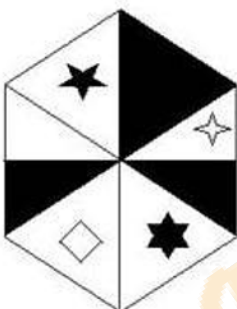
✗ 1.



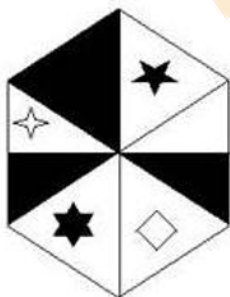
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497842280
Status : Answered
Chosen Option : 3

Q.22 In a certain code language, 'LILY' is coded as 116, and 'LOTUS' is coded as 174. How will 'TULIP' be coded in that language?

- Ans
- ☐ 1. 126
 - ☐ 2. 78
 - ☒ 3. 156
 - ☐ 4. 168

Question ID : 65497842267
Status : Marked For Review
Chosen Option : 3

Q.23 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division', and '#' means 'subtraction', then find the value of the following expression.

9 @ 114 \$ 19 % 5 # 21

- Ans
- ☐ 1. 32
 - ☒ 2. 18
 - ☐ 3. 26
 - ☐ 4. 20

Question ID : 65497842178
Status : Answered
Chosen Option : 2

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

35, 54, 77, 106, 137, ?

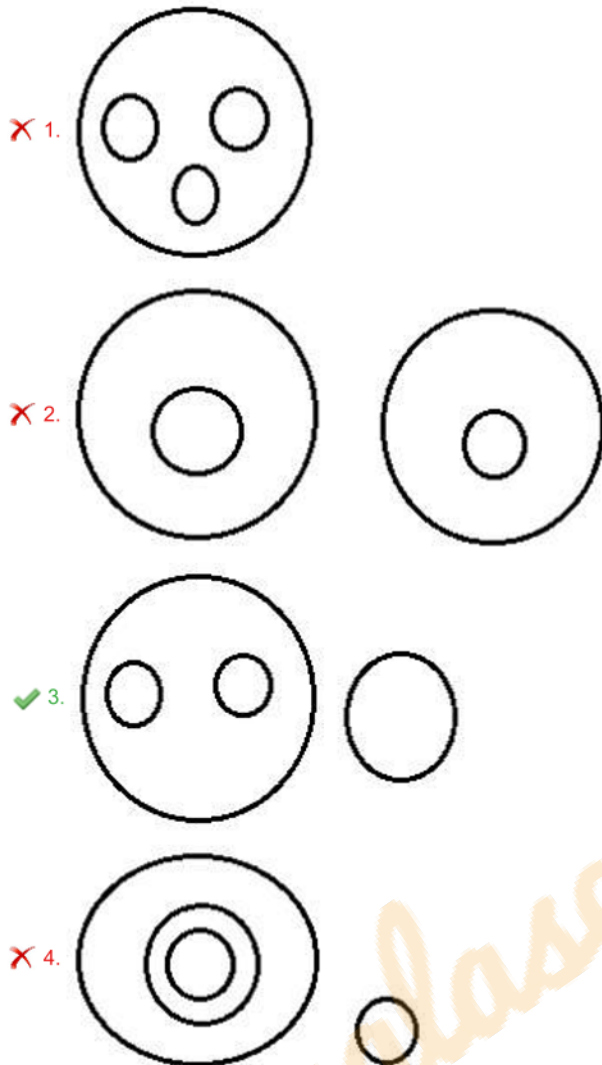
- Ans
- ☐ 1. 179
 - ☐ 2. 151
 - ☐ 3. 170
 - ☒ 4. 174

Question ID : 65497843283
Status : Marked For Review
Chosen Option : 4

Q.25 Select the Venn diagram that best represents the relationship between the following.

Living organisms, Omnivores, Deer, Planet

Ans



Question ID : 65497841983

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 Who among the following leaders of Indian Freedom Movement gave the slogan 'Freedom is my birthright and I shall have it'?

Ans ✗ 1. Subhash Chandra Bose

✓ 2. Bal Gangadhar Tilak

✗ 3. Gopal Krishna Gokhale

✗ 4. Lala Lajpat Rai

Question ID : 65497842303

Status : Answered

Chosen Option : 2

Q.2 Mountaineers refer to altitudes above about _____ metres as the 'death zone'.

- Ans ☒ 1. 5,800
☒ 2. 8,000
☒ 3. 6,700
☒ 4. 7,200

Question ID : 65497842198
Status : Marked For Review
Chosen Option : 4

Q.3 Organisms belonging to the phylum _____ are also called 'flatworms'.

- Ans ☒ 1. Platyhelminthes
☒ 2. Ctenophora
☒ 3. Porifera
☒ 4. Cnidaria

Question ID : 65497842191
Status : Answered
Chosen Option : 1

Q.4 In May 2020, the Government of India announced a special economic and comprehensive package equivalent to _____ of India's GDP under Atmanirbhar Bharat Abhiyan.

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

Question ID : 65497842392
Status : Answered
Chosen Option : 2

Q.5 Which of the following pairs of Indian revolutionaries and organisations is CORRECTLY paired?

- Ans ☒ 1. M Veera Raghavachari – Poona Sarvajanik Sabha
☒ 2. Badruddin Tyabji – Bombay Presidency Association
☒ 3. Mahadev Govind Ranade – Madras Mahajana Sabha
☒ 4. Surendranath Banerjee – East India Association

Question ID : 65497842201
Status : Not Answered
Chosen Option : --

Q.6 Which of the following titles was held by Prince Phillip, the late husband of Queen Elizabeth II, until his death in April 2021?

- Ans
- ☐ 1. Duke of Cambridge
 - ☐ 2. Duke of Gloucester
 - ☐ 3. Duke of Windsor
 - ☒ 4. Duke of Edinburgh

Question ID : 65497842405
Status : Answered
Chosen Option : 4

Q.7 Irrespective of the source, pure water contains _____ of oxygen by mass.

- Ans
- ☐ 1. 35.42%
 - ☒ 2. 88.89%
 - ☐ 3. 56.83%
 - ☐ 4. 11.11%

Question ID : 65497842294
Status : Marked For Review
Chosen Option : 1

Q.8 _____ is an environmental policy under which producers are given a significant responsibility – financial and/or physical – for the treatment or disposal of products that are no longer useful to the consumer.

- Ans
- ☐ 1. Producers' Environmental Responsibility
 - ☐ 2. Ethical Producer Responsibility
 - ☒ 3. Extended Producer Responsibility
 - ☐ 4. Post-consumer Environmental Responsibility

Question ID : 65497841994
Status : Answered
Chosen Option : 4

Q.9 One mole of an ideal gas occupies a volume of _____ litre at 273 K and 1 atm pressure.

- Ans
- ☐ 1. 21.2
 - ☐ 2. 25.1
 - ☐ 3. 20.3
 - ☒ 4. 22.4

Question ID : 65497842397
Status : Not Answered
Chosen Option : --

Q.10 _____ was among 12 people chosen for the 'International Anti-Corruption Champions Award' constituted by the United States Department of State in February 2021.

- Ans
- ☐ 1. Medha Patkar
 - ☐ 2. Archana Borthakur
 - ☐ 3. Flavia Agnes
 - ☒ 4. Anjali Bhardwaj

Question ID : 65497842003
Status : Not Answered
Chosen Option : --

Q.11 As per National Family Health Survey 5, _____ is the only state with a sex ratio at birth for children born in the last five years (urban + rural), above 1,000.

- Ans
- ☐ 1. Andhra Pradesh
 - ☐ 2. Goa
 - ☐ 3. Himachal Pradesh
 - ☒ 4. Tripura

Question ID : 65497842399
Status : Marked For Review
Chosen Option : 4

Q.12 _____ ranked first on Forbes' list of 'Highest-Paid Female Athletes 2020'.

- Ans
- ☒ 1. Naomi Osaka
 - ☐ 2. Alex Morgan
 - ☐ 3. Serena Williams
 - ☐ 4. Ashleigh Barty

Question ID : 65497842008
Status : Not Answered
Chosen Option : --

Q.13 Which of the following rivers flow through both the states, West Bengal and Sikkim?

- Ans
- ☐ 1. Koshi
 - ☐ 2. Hooghly
 - ☐ 3. Sone
 - ☒ 4. Teesta

Question ID : 65497843310
Status : Answered
Chosen Option : 2

Q.14 In which of the following years Motilal Nehru along with eight other congress leaders drafted a Constitution for India?

- Ans ☒ 1. 1928
☒ 2. 1935
☒ 3. 1945
☒ 4. 1931

Question ID : 65497843319
Status : Answered
Chosen Option : 4

Q.15 'Hypnea indica' and 'Hypnea bullata' are types of :

- Ans ☒ 1. green seaweeds
☒ 2. black seaweeds
☒ 3. yellow seaweeds
☒ 4. red seaweeds

Question ID : 65497843303
Status : Not Answered
Chosen Option : --

Q.16 The system of MSP (Minimum Support Price) was first introduced for _____ in 1966-67 and later expanded to include other essential food crops.

- Ans ☒ 1. jowar
☒ 2. bajra
☒ 3. wheat
☒ 4. ragi

Question ID : 65497841987
Status : Not Answered
Chosen Option : --

Q.17 Who among the following is an Indian professional tennis player?

- Ans ☒ 1. Shanti Mallick
☒ 2. Ankita Raina
☒ 3. Aditi Chauhan
☒ 4. Bala Devi

Question ID : 65497842209
Status : Marked For Review
Chosen Option : 3

Q.18 Article _____ of the Indian Constitution states that 'there shall be a Commission for the socially and educationally backward classes to be known as the National Commission for Backward Classes'.

- Ans
- ☒ 1. 124A (1)
 - ☒ 2. 243S (1)
 - ☒ 3. 243Y (1)
 - ☒ 4. 338B (1)

Question ID : 65497842409
Status : Not Answered
Chosen Option : --

Q.19 Who among the following persons is NOT a co-author of the book 'Till We Win: India's Fight Against the Covid-19 Pandemic'?

- Ans
- ☒ 1. Dr Gagandeep Kang
 - ☒ 2. Dr Soumya Swaminathan
 - ☒ 3. Dr Chandrakant Lahariya
 - ☒ 4. Dr Randeep Guleria

Question ID : 65497842305
Status : Not Answered
Chosen Option : --

Q.20 Which of the following is a folk song genre popular in parts of West Bengal, Assam and Bangladesh?

- Ans
- ☒ 1. Chalo
 - ☒ 2. Roppi
 - ☒ 3. Bhawaiya
 - ☒ 4. Rekham Pada

Question ID : 65497843297
Status : Not Answered
Chosen Option : --

Q.21 In which of the following forts was Razia Sultan imprisoned by Malik Ikhtiyar-ud-din Altunia?

- Ans
- ☒ 1. Qila Mubarak in Bathinda
 - ☒ 2. Jaigarh fort in Jaipur
 - ☒ 3. Golconda fort in Golconda
 - ☒ 4. Mehrangarh fort in Jodhpur

Question ID : 65497843311
Status : Answered
Chosen Option : 1

Q.22 Carbon monoxide contains approximately _____ of oxygen for each 1.00 g of carbon.

- Ans ☐ 1. 0.23 g
☐ 2. 2.66 g
☒ 3. 1.33 g
☐ 4. 4.11 g

Question ID : 65497841992
Status : Answered
Chosen Option : 1

Q.23 The Central Board of Directors of the Reserve Bank of India are appointed for a term of _____ years.

- Ans ☐ 1. three
☐ 2. two
☒ 3. four
☐ 4. five

Question ID : 65497842289
Status : Answered
Chosen Option : 2

Q.24 _____ is an annual three-day festival held at Bara Shaheed Dargah in Nellore.

- Ans ☐ 1. Bheldiya
☐ 2. Baishagu
☐ 3. Ali Ai Ligang
☒ 4. Rottela Panduga

Question ID : 65497842187
Status : Not Answered
Chosen Option : --

Q.25 The _____ Amendment Act of the Constitution of India introduced the Goods and Services Tax (GST) in India.

- Ans ☐ 1. 104th
☐ 2. 92nd
☒ 3. 101st
☐ 4. 98th

Question ID : 65497842307
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 20 men can finish a work in 30 days. They started working, but 4 men left the work after 10 days. In how many days would the work be completed?

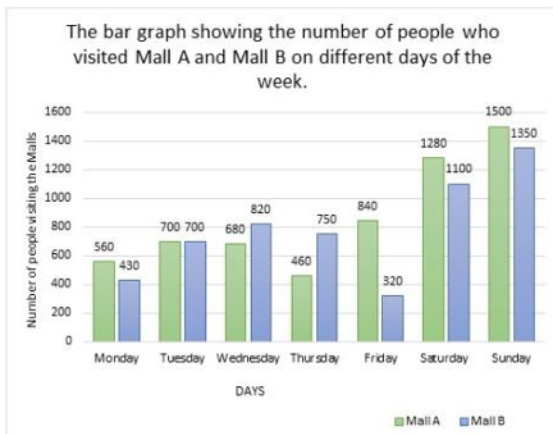
- Ans**
- ☒ 1. 30
 - ☒ 2. 25
 - ☒ 3. 35
 - ☒ 4. 28

Question ID : 65497842422

Status : Answered

Chosen Option : 3

Q.2 The bar graph shows the number of people who visited Mall A and Mall B on different days of a week.



What is the ratio of the number of people visiting Mall A on Thursday, Saturday and Sunday together to the number of people visiting Mall B on these three days together?

- Ans**
- ☒ 1. 27 : 25
 - ☒ 2. 80 : 81
 - ☒ 3. 81 : 80
 - ☒ 4. 25 : 27

Question ID : 65497843244

Status : Answered

Chosen Option : 3

Q.3 A fruit seller sells 45% of the oranges that he has along with one more orange to a customer. He then sells 20% of the remaining oranges and 2 more oranges to a second customer. He then sells 90% of the now remaining oranges to a third customer and is still left with 5 oranges. How many oranges did the fruit seller have initially?

- Ans**
- ☒ 1. 100
 - ☒ 2. 111
 - ☒ 3. 121
 - ☒ 4. 120

Question ID : 65497842216

Status : Not Answered

Chosen Option : --

Q.4 AB is a chord of a circle with centre O. C is a point on the circumference of the circle in the minor sector. If $\angle ABO = 40^\circ$, what is the measure (in degree) of $\angle ACB$?

- Ans
- ☐ 1. 110°
 - ☒ 2. 130°
 - ☐ 3. 100°
 - ☐ 4. 120°

Question ID : 65497843336
Status : Not Answered
Chosen Option : --

Q.5 In a triangle ABC, the bisector of angle BAC meets BC at point D such that $DC = 2BD$. If $AC - AB = 5$ cm, then find the length of AB (in cm).

- Ans
- ☐ 1. 10
 - ☐ 2. 12
 - ☐ 3. 7
 - ☒ 4. 5

Question ID : 65497842328
Status : Answered
Chosen Option : 4

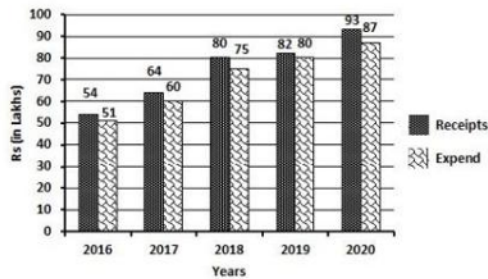
Q.6 Two successive discounts of 20% and 25% on the marked price of an article are equal to a single discount of ₹250. If the marked price of the article is 25% above the cost price, the cost price (in ₹) of the article is:

- Ans
- ☐ 1. 450
 - ☐ 2. 600
 - ☐ 3. 550
 - ☒ 4. 500

Question ID : 65497843023
Status : Answered
Chosen Option : 4

Q.7 The following bar graph shows receipts and expenditure by a business firm over 5 years. Gain = Receipts – Expenditure.

In which year did the company gain the maximum amount?



- Ans**
- ☒ 1. 2016
 - ☒ 2. 2017
 - ☒ 3. 2018
 - ☒ 4. 2020

Question ID : 65497842030
Status : Answered
Chosen Option : 4

Q.8 A shopkeeper bought 60 pencils at a rate of 4 for ₹5 and another 60 pencils at a rate of 2 for ₹3. He mixed all the pencils and sold them at a rate of 3 for ₹4. Find his gain or loss percentage.

- Ans**
- ☒ 1. Profit $3\frac{1}{8}\%$
 - ☒ 2. Loss $3\frac{1}{33}\%$
 - ☒ 3. Profit $2\frac{7}{8}\%$
 - ☒ 4. Loss $2\frac{7}{8}\%$

Question ID : 65497842419
Status : Answered
Chosen Option : 2

Q.9 What is the compound interest (in ₹) at the rate of 10%, compounded annually, for 3 years on the principal which in 8 years at the rate of 12% per annum gives ₹4,800 as simple interest?

- Ans**
- ☒ 1. 1,455
 - ☒ 2. 1,655
 - ☒ 3. 2,045
 - ☒ 4. 1,505

Question ID : 65497843330
Status : Answered
Chosen Option : 2

Q.10 Akhil rides first 12 km at a speed of 16 km/h and further 6 km at a speed of 20 km/h. Find his average speed (in km/h).

Ans

✗ 1. $18\frac{1}{5}$

✓ 2. $17\frac{1}{7}$

✗ 3. $17\frac{1}{2}$

✗ 4. $16\frac{4}{5}$

Question ID : 65497842322

Status : Answered

Chosen Option : 2

Q.11 A and B entered into a partnership with certain investments. At the end of 8 months, A withdrew and collected back his money. A and B received profit in the ratio 5 : 9 at the end of the year. If B had invested ₹36,000, then how much (in ₹) had A invested?

Ans

✗ 1. 25,000

✓ 2. 30,000

✗ 3. 20,000

✗ 4. 36,000

Question ID : 65497842319

Status : Answered

Chosen Option : 2

Q.12 Simplify the following expression:

$$\frac{\cos A}{1 - \tan A} + \frac{\sin A}{1 - \cot A} - \sin A$$

Ans

✗ 1. $1 + \cos A$

✗ 2. $(1 + \sin A) \cos A$

✗ 3. $1 + \sin A$

✓ 4. $\cos A$

Question ID : 65497842432

Status : Answered

Chosen Option : 4

Q.13 What is the angle of elevation of the sun when the shadow of a 9-m high pole is $3\sqrt{3}$ m long?

- Ans**
- ☒ 1. 30°
 - ☒ 2. 45°
 - ☒ 3. 60°
 - ☒ 4. 90°

Question ID : 65497842029
Status : Answered
Chosen Option : 3

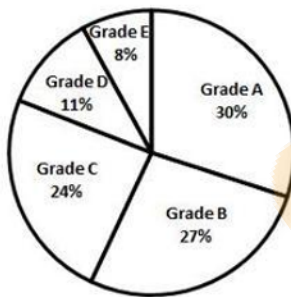
Q.14 The average of twelve numbers is 42. The average of the last five numbers is 40, and that of the first four numbers is 44. The sixth number is 6 less than the fifth number and 5 less than the seventh number. The average of the sixth and seventh numbers is:

- Ans**
- ☒ 1. 41.5
 - ☒ 2. 43.5
 - ☒ 3. 44.5
 - ☒ 4. 45.5

Question ID : 65497844335
Status : Answered
Chosen Option : 1

Q.15 Performance of 1800 students in grades has been shown in the following pie chart.

How many students have got either grade D or grade E?



- Ans**
- ☒ 1. 345
 - ☒ 2. 352
 - ☒ 3. 342
 - ☒ 4. 359

Question ID : 65497842031
Status : Answered
Chosen Option : 3

Q.16 Find the value of k such that the number $k53206k$ is divisible by 6.

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

Question ID : 65497842211
Status : Answered
Chosen Option : 2

Q.17 Find the greatest 3-digit number which, when divided by 3, 4, 5 and 8, leaves remainder 2 in each case.

- Ans**
- ☒ 1. 962
 - ☒ 2. 122
 - ☒ 3. 958
 - ☒ 4. 482

Question ID : 65497842010
Status : Answered
Chosen Option : 1

Q.18 In a circle with centre O and of radius 13 cm, two parallel chords are drawn on different sides of the centre. If the length of one chord is 10 cm and the distance between the two chords is 17 cm, then find the difference in lengths of the two chords (in cm).

- Ans**
- ☒ 1. 10
 - ☒ 2. 14
 - ☒ 3. 24
 - ☒ 4. 12

Question ID : 65497842226
Status : Answered
Chosen Option : 2

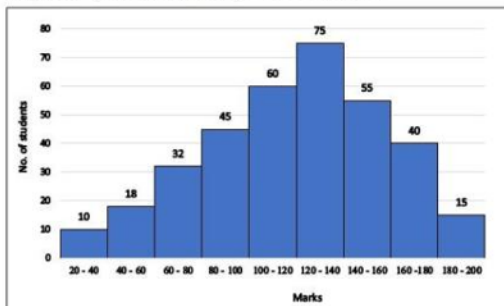
Q.19 If $(x + y)^3 - (x - y)^3 - 3y(2x^2 - 3y^2) = ky^3$, then find the value of k .

- Ans**
- ☒ 1. 10.5
 - ☒ 2. 8
 - ☒ 3. 11
 - ☒ 4. 10

Question ID : 65497842425
Status : Answered
Chosen Option : 3

- Q.20** The given histogram represents the marks of students in Mathematics test of a certain class.
The total number of students is 350 and the maximum marks of the test are 200.

Study the graph and answer the question that follows.



The total number of students whose marks are less than 100 is what percentage (correct up to one place of decimal) less than the total number of students whose marks are 120 and above?

- Ans**
- ☒ 1. 32.7%
 - ☒ 2. 36.6%
 - ☒ 3. 43.2%
 - ☒ 4. 51.8%

Question ID : 65497843346
Status : Marked For Review
Chosen Option : 4

- Q.21** If $\cot^2 \alpha + \tan^2 \alpha = 2$, $0^\circ \leq \alpha \leq 90^\circ$, then find the value of α

- Ans**
- ☒ 1. 0°
 - ☒ 2. 45°
 - ☒ 3. 60°
 - ☒ 4. 90°

Question ID : 65497842330
Status : Answered
Chosen Option : 2

Q.22 Find the value of the following expression:

$$\frac{1\frac{2}{3} \div \frac{5}{6} \times 6 + \frac{4}{5} \times \frac{1}{2} + \frac{2}{3}}{2 - \left[1\frac{1}{3} \times \left(-\frac{3}{5} \right) - 6 \left\{ \frac{3}{5} - \left(3 - \frac{3}{10} \right) \right\} \right]}$$

Ans

✓ 1. $-\frac{4}{3}$

✗ 2. $\frac{4}{3}$

✗ 3. $\frac{1}{7}$

✗ 4. $-\frac{1}{7}$

Question ID : 65497842011

Status : Not Answered

Chosen Option : --

Q.23 In a right-angled triangle, the lengths of the medians from the vertices of acute angles are 7 cm and $4\sqrt{6}$ cm. What is the length of the hypotenuse of the triangle (in cm)?

Ans

✗ 1. $3.5 + 2\sqrt{6}$

✗ 2. $\frac{5}{2}\sqrt{29}$

✗ 3. $\sqrt{29}$

✓ 4. $2\sqrt{29}$

Question ID : 65497842430

Status : Answered

Chosen Option : 4

Q.24 The length of a wire (in cm) of 0.1 mm radius that can be drawn from melting a solid copper sphere of diameter 6 cm is:

Ans

✗ 1. 250000

✓ 2. 360000

✗ 3. 440000

✗ 4. 810000

Question ID : 65497844343

Status : Answered

Chosen Option : 2

Q.25 If $a + b + c = 11$ and $ab + bc + ca = 28$, then find the value of $a^3 + b^3 + c^3 - 3abc$.

- Ans** ☒ 1. 1639
☒ 2. 407
☒ 3. 2255
☒ 4. 1093

Question ID : 65497842325
Status : Answered
Chosen Option : 2

Section : English Comprehension

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

Arid

- Ans** ☒ 1. Dry
☒ 2. Lively
☒ 3. Damp
☒ 4. Fertile

Question ID : 65497842050
Status : Answered
Chosen Option : 1

Q.2 Select the INCORRECTLY spelt word.

- Ans** ☒ 1. Annivarsary
☒ 2. Anguish
☒ 3. Anonymous
☒ 4. Announcement

Question ID : 65497842361
Status : Answered
Chosen Option : 1

Q.3 Select the option that expresses the given sentence in active voice.

I have been informed of their decision.

- Ans** ☒ 1. They are informing me of their decision.
☒ 2. They informed me of their decision.
☒ 3. They had informed me of their decision.
☒ 4. They have informed me of their decision.

Question ID : 65497842038
Status : Answered
Chosen Option : 4

Q.4 Identify the segment in the sentence which contains the grammatical error.

Smita lived in this house since she was five years old.

- Ans
- ☒ 1. five years old
 - ☒ 2. in this house
 - ☒ 3. since she was
 - ☒ 4. Smita lived

Question ID : 65497843350
Status : Answered
Chosen Option : 4

Q.5 Select the most appropriate synonym of the given word.

Tranquil

- Ans
- ☒ 1. Calm
 - ☒ 2. Alert
 - ☒ 3. Aware
 - ☒ 4. Dazed

Question ID : 65497842354
Status : Answered
Chosen Option : 1

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

An animal with a spinal cord

- Ans
- ☒ 1. Amphibian
 - ☒ 2. Mammal
 - ☒ 3. Invertebrate
 - ☒ 4. Vertebrate

Question ID : 65497842359
Status : Marked For Review
Chosen Option : 4

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

Feeble

- Ans
- ☒ 1. Wild
 - ☒ 2. Fast
 - ☒ 3. Strong
 - ☒ 4. Fickle

Question ID : 65497842254
Status : Answered
Chosen Option : 3

Q.8 Select the option that expresses the given sentence in direct speech.

The guard told the children to stay away from the flower beds.

- Ans
- ☒ 1. The guard says to the children, " Stay away from the flower beds."
 - ☒ 2. The guard told to the children, " Stay away from the flower beds."
 - ☒ 3. The guard said, "Children, should you stay away from the flower beds."
 - ☒ 4. The guard said, "Children, stay away from the flower beds."

Question ID : 65497843359

Status : Answered

Chosen Option : 4

Q.9 Select the most appropriate ANTONYM of the given word.

Famished

- Ans
- ☒ 1. Hesitant
 - ☒ 2. Volatile
 - ☒ 3. Starved
 - ☒ 4. Satiated

Question ID : 65497843366

Status : Answered

Chosen Option : 4

Q.10 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.

A shop nearby / sell all the goods / of daily use.

- Ans
- ☒ 1. No error
 - ☒ 2. A shop nearby
 - ☒ 3. sell all the goods
 - ☒ 4. of daily use

Question ID : 65497842135

Status : Answered

Chosen Option : 3

Q.11 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'.

I can't make out my mind about taking a vacation in winter.

- Ans
- ☒ 1. make up
 - ☒ 2. made out
 - ☒ 3. No substitution required
 - ☒ 4. make on

Question ID : 65497842048

Status : Answered

Chosen Option : 1

Q.12 Select the most appropriate meaning of the given idiom.

Blow your own trumpet

- Ans** ✓ 1. Boast about one's own qualities
✗ 2. Keep away the dust from your instruments
✗ 3. Practise playing music
✗ 4. Play on your instrument

Question ID : 65497842256
Status : Answered
Chosen Option : 1

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

Able to be happy, successful, etc. again after something difficult or bad has happened

- Ans** ✗ 1. Reluctant
✗ 2. Remnant
✓ 3. Resilient
✗ 4. Resistant

Question ID : 65497842461
Status : Answered
Chosen Option : 3

Q.14 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.

He was formerly / a doctor of / the corporate hospital.

- Ans** ✗ 1. No error
✗ 2. He was formerly
✗ 3. the corporate hospital
✓ 4. a doctor of

Question ID : 65497842339
Status : Answered
Chosen Option : 4

Q.15 Select the most appropriate meaning of the given idiom.

A snake in the grass

- Ans** ✗ 1. A sudden death
✗ 2. A good fortune
✓ 3. A hidden enemy
✗ 4. An unfortunate accident

Question ID : 65497843368
Status : Answered
Chosen Option : 3

Q.16 Identify the segment in the sentence which contains the grammatical error.

Our team have won the match.

- Ans
- ☒ 1. the match
 - ☒ 2. won
 - ☒ 3. Our team
 - ☒ 4. have

Question ID : 65497843348

Status : Answered

Chosen Option : 4

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

They called Mohan a _____ because he did not want to go into the dark lane.

- Ans
- ☒ 1. coward
 - ☒ 2. hero
 - ☒ 3. brave
 - ☒ 4. valiant

Question ID : 65497842463

Status : Answered

Chosen Option : 1

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. They always shared machinery and goods as needed without a hitch.
- B. Then they had the first serious quarrel in 40 years of farming side by side.
- C. And unfortunately, the long collaboration fell apart.
- D. Two brothers lived on adjoining farms in a small village.

- Ans
- ☒ 1. DBCA
 - ☒ 2. DABC
 - ☒ 3. CADB
 - ☒ 4. BCAD

Question ID : 65497842049

Status : Answered

Chosen Option : 2

Q.19 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'.

Hardly had we get in but the train started.

- Ans
- ☒ 1. we get in than
 - ☒ 2. No substitution required
 - ☒ 3. we got in before
 - ☒ 4. we got in when

Question ID : 65497842249

Status : Answered

Chosen Option : 4

Q.20 Select the correct active voice of the given sentence.

The watchman has been bitten by a stray dog.

Ans ☒ 1. A watchman has bitten the stray dog.

☒ 2. A stray dog has bitten the watchman.

☒ 3. A stray dog bit the watchman.

☒ 4. A stray dog is biting the watchman.

Question ID : 65497842342

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.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. _____ at work the next morning, he found the 2. _____ was covered by a 3. _____ notice, saying he was in 4. _____ of company policy which required personal items to be put away at night. 5. _____ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 21

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

Ans ☒ 1. turned

☒ 2. achieved

☒ 3. reached

☒ 4. arrived

Question ID : 65497842445

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.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. _____ at work the next morning, he found the 2. _____ was covered by a 3. _____ notice, saying he was in 4. _____ of company policy which required personal items to be put away at night. 5. _____ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 22

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

Ans ☒ 1. tape

☒ 2. office

☒ 3. child

☒ 4. picture

Question ID : 65497842446

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.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. _____ at work the next morning, he found the 2. _____ was covered by a 3. _____ notice, saying he was in 4. _____ of company policy which required personal items to be put away at night. 5. _____ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 23

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

- Ans ☒ 1. substantial
☒ 2. large
☒ 3. generous
☒ 4. considerable

Question ID : 65497842447

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.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. _____ at work the next morning, he found the 2. _____ was covered by a 3. _____ notice, saying he was in 4. _____ of company policy which required personal items to be put away at night. 5. _____ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 24

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

- Ans ☒ 1. violation
☒ 2. damage
☒ 3. interruption
☒ 4. disruption

Question ID : 65497842448

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.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. _____ at work the next morning, he found the 2. _____ was covered by a 3. _____ notice, saying he was in 4. _____ of company policy which required personal items to be put away at night. 5. _____ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 25

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

- Ans ☒ 1. That
☒ 2. Such
☒ 3. This
☒ 4. Which

Question ID : 65497842449

Status : Answered

Chosen Option : 2

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