

Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	21/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

Section : General Intelligence and Reasoning

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

13 : 1331 :: 17 : ?

- Ans
- 1. 2642
 - 2. 1453
 - 3. 3375
 - 4. 1829

Question ID : 65497842376
Status : Answered
Chosen Option : 3

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

7, 16, 41, 94, 251, ?

- Ans
- 1. 568
 - 2. 468
 - 3. 586
 - 4. 486

Question ID : 65497844395
Status : Answered
Chosen Option : 3

Q.3 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.

JST : HPX :: PWJ : ?

- Ans
- 1. NTN
 - 2. MSR
 - 3. MTN
 - 4. NSP

Question ID : 65497842164
Status : Answered
Chosen Option : 1

Q.4 Which two signs should be interchanged to make the given equation correct?

$$16-18 \times 216 \div 432 + 40 = 20$$

Ans 1. + and -

2. \times and \div

3. \times and +

4. \div and -

Question ID : 65497844400

Status : Answered

Chosen Option : 2

Q.5 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

$$(45 \text{ D } 9) \text{ B } 5 \text{ A } 8 \text{ B } (7 \text{ A } 3 \text{ C } 6) \text{ C } (28 \text{ D } (4 \text{ D } 4))$$

Ans 1. 82

2. 32

3. 29

4. 38

Question ID : 65497843995

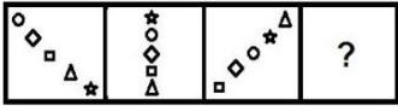
Status : Answered

Chosen Option : 3



INDIA

Q.6 Select the figure from among the given options that can replace the question mark (?) in the following series.

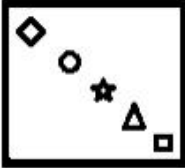


Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843998

Status : Answered

Chosen Option : 1

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Serenity
2. Serpent
3. Serviceable
4. Sericulture
5. Serotonin

Ans ✓ 1. 1, 4, 5, 2, 3

✗ 2. 1, 4, 2, 5, 3

✗ 3. 3, 4, 5, 2, 1

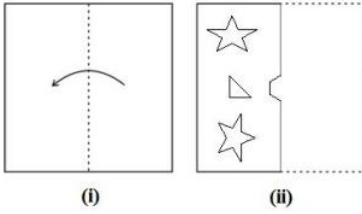
✗ 4. 2, 4, 5, 3, 1

Question ID : 65497843172

Status : Answered

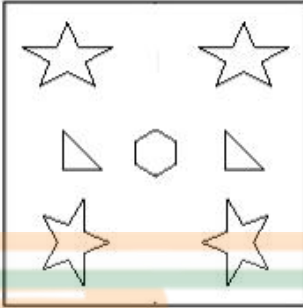
Chosen Option : 2

Q.8 The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).



Ans

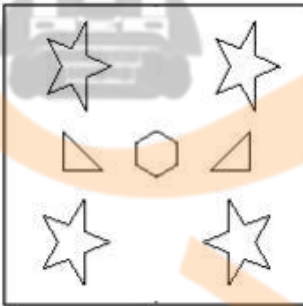
✗ 1.



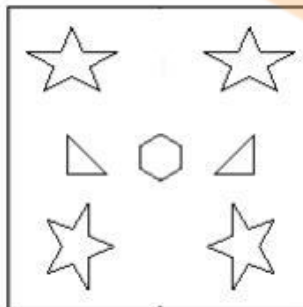
✗ 2.



✗ 3.



✓ 4.



Question ID : 65497842386
 Status : Answered
 Chosen Option : 4

Q.9 In a certain code language, 'TULIPS' is written as 'GFORKH'. How will 'GARDEN' be written in that language?

- Ans
- 1. SZIXVM
 - 2. TZIWUM
 - 3. TBIWVK
 - 4. TZIWVM

Question ID : 65497842973
Status : Answered
Chosen Option : 4

Q.10 Select the correct water image of the given combination.

5 9 2 1 6 R g m

- Ans
- 1. 2 9 5 1 e B b w
 - 2. 9 2 5 1 e B a w
 - 3. 2 6 5 1 e B a w
 - 4. 2 9 5 1 e B a w

Question ID : 65497844001
Status : Answered
Chosen Option : 3

Q.11 In a certain code language, 'GANGA' is coded as 21-3-42-21-3 and 'KOSHI' is coded as 33-45-57-24-27. How will 'GOMTI' be coded in that language?

- Ans
- 1. 14-45-26-60-27
 - 2. 21-45-39-60-27
 - 3. 21-30-39-40-18
 - 4. 14-30-39-40-18

Question ID : 65497842368
Status : Answered
Chosen Option : 2

Q.12 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).



Ans

✗ 1.



✗ 2.



✓ 3.

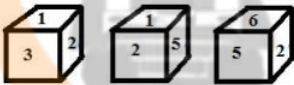


✗ 4.



Question ID : 65497843394
 Status : Answered
 Chosen Option : 3

Q.13 Three different positions of the same dice are shown. Study the same and identify which of the following statements is correct.



Ans

✗ 1. 1 is opposite to 4

✗ 2. 3 is opposite to 6

✓ 3. 6 is opposite to 1

✗ 4. 5 is opposite to 2

Question ID : 65497844403
 Status : Answered
 Chosen Option : 3

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

13 16 52
15 24 90
23 36 ?

- Ans 1. 81
 2. 108
 3. 107
 4. 117

Question ID : 65497843388
Status : Not Answered
Chosen Option : --

Q.15 The ratio of the sum of and the difference between two numbers is 6 : 5. Find the ratio of these two numbers.

- Ans 1. 3 : 2
 2. 7 : 5
 3. 2 : 3
 4. 11 : 1

Question ID : 65497842175
Status : Answered
Chosen Option : 4

Q.16 'A # B' means 'A is the sister of B';
'A \$ B' means 'A is the father of B'.
'A @ B' means 'A is the wife of B'.
'A % B' means 'A is the brother of B'.
Which of the following options means 'J is the father of R'?

- Ans 1. C @ J % K \$ M # R
 2. C @ R \$ K % M # J
 3. C @ J \$ K % M # R
 4. J @ C \$ K % M # R

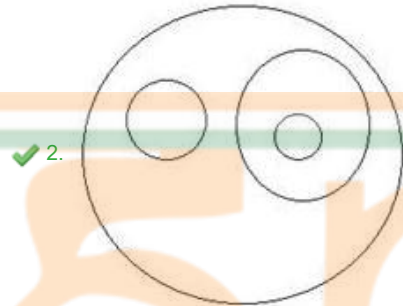
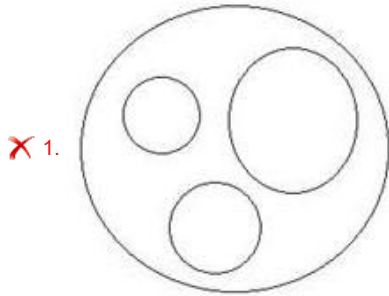
Question ID : 65497843987
Status : Answered
Chosen Option : 3

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Q.17 Select the Venn diagram that best represents the relationship between the following.

India, Delhi, Assam, Guwahati

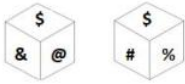
Ans



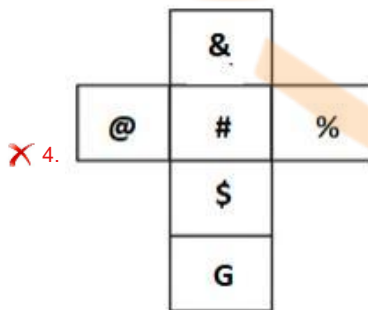
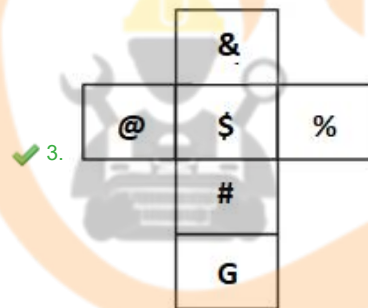
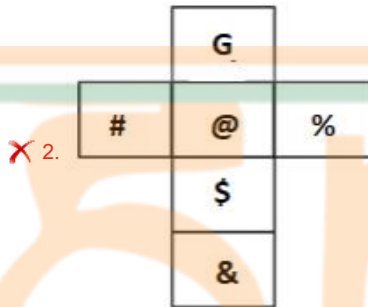
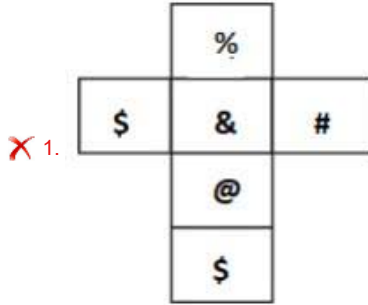
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Question ID : 65497842185
Status : Answered
Chosen Option : 2

Q.18 Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?



Ans



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Question ID : 65497842381
Status : Answered
Chosen Option : 3

Q.19 In a certain code language, 'are you ready' is written as '541', 'we are going' is written as '261', and 'she is ready' is written as '498'. How will 'you' be written in that language?

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

Question ID : **65497843379**
Status : **Answered**
Chosen Option : **3**

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

1, 1, 2, 2, 6, 10, 42, ?, 1806

- Ans**
- 1. 1302
 - 2. 1203
 - 3. 1010
 - 4. 1389

Question ID : **65497843384**
Status : **Not Answered**
Chosen Option : --

Q.21 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 peelers are funnels.
Some peelers are spatulas.

Conclusions:
I. Some peelers are not funnels.
II. Some spatulas are peelers.

- Ans**
- 1. Both conclusions I and II follow.
 - 2. Only conclusion II follows.
 - 3. Neither conclusion I nor II follows.
 - 4. Only conclusion I follows.

Question ID : **65497844393**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the letter from among the given options that can replace the question mark (?) in the following series.

E, F, I, N, U, ?

- Ans
- 1. A
 - 2. D
 - 3. N
 - 4. Z

Question ID : 65497842976
Status : Answered
Chosen Option : 2

Q.23 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. EVAF
 - 2. CXBH
 - 3. KPUZ
 - 4. TGLQ

Question ID : 65497843375
Status : Answered
Chosen Option : 2

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

CALI, ZEGO, WIBU, TMWA, ?

- Ans
- 1. QPSF
 - 2. QRQE
 - 3. QQRE
 - 4. QSPF

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Question ID : 65497844383
Status : Answered
Chosen Option : 3

Q.25 Eight friends, A, B, C, D, E, F, G and H, are sitting in two lines of four persons each. Both the lines are facing each other. A is facing D. E is to the immediate left of G. H is to the immediate right of B. C is facing G. F is facing H. B is to the immediate right of the person who is facing G. D is to the immediate left of F. Which four persons are sitting in the same line?

- Ans
- 1. A, B, C, H
 - 2. B, C, D, H
 - 3. A, C, F, G
 - 4. C, D, E, F

Question ID : 65497843988
Status : Answered
Chosen Option : 1

Q.1 श्री अकाल तख्त साहिब _____ परिसर के भीतर स्थित है।

- Ans
- 1. स्वर्ण मंदिर
 - 2. पांवटा साहिब
 - 3. पटना साहिब
 - 4. गुरुद्वारा बंगला साहिब

Question ID : 65497844409
Status : Answered
Chosen Option : 1

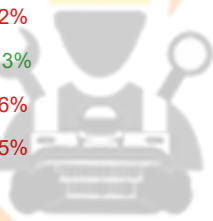
Q.2 As of April 2021, _____ held the record for the highest individual Women's ODI cricket score by an Indian player. She was also the only Indian spinner to take six women's ODI wickets.

- Ans
- 1. Taniya Bhatia
 - 2. Deepti Sharma
 - 3. Radha Yadav
 - 4. Punam Raut

Question ID : 65497842210
Status : Not Answered
Chosen Option : --

Q.3 The Fiscal Responsibility and Budget Management Act 2003 set a target to limit India's fiscal deficit up to _____ of the GDP by 2021.

- Ans
- 1. 2%
 - 2. 3%
 - 3. 6%
 - 4. 5%



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Question ID : 65497844008
Status : Answered
Chosen Option : 3

Q.4 निम्नलिखित में से किस नृत्य में नर्तक अपने सिर पर जले हुए दीयों वाले बर्तनों को संतुलित रखते हैं?

- Ans
- 1. धनगरी गजा नृत्य
 - 2. कोली नृत्य
 - 3. तमाशा नृत्य
 - 4. चरी नृत्य

Question ID : 65497843398
Status : Not Answered
Chosen Option : --

Q.5 Who was the Australian Open Women's Singles champion in 2021?

- Ans**
- 1. Serena Williams
 - 2. Venus Williams
 - 3. Jennifer Brady
 - 4. Naomi Osaka

Question ID : **65497844431**
Status : **Answered**
Chosen Option : **4**

Q.6 Adar Poonawalla launched the Clean City initiative in Pune in the year _____.

- Ans**
- 1. 2018
 - 2. 2012
 - 3. 2010
 - 4. 2015

Question ID : **65497842395**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Who among the following became a part of the Constituent Assembly from Madras Constituency in 1946?

- Ans**
- 1. Ammu Swaminathan
 - 2. Hansa Jivraj Mehta
 - 3. Kamla Chaudhry
 - 4. Begum Aizaz Rasul

Question ID : **65497843420**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Solids like fats, grease and oil that float on top of liquid wastewater is called _____.

- Ans**
- 1. urea
 - 2. sludge
 - 3. compost
 - 4. peat

Question ID : **65497844413**
Status : **Answered**
Chosen Option : **2**

Q.9 Which of the following statements was quoted by Subhash Chandra Bose?

- Ans**
- 1. Live as if you were to die tomorrow. Learn as if you were to live forever.
 - 2. The best way to find yourself is to lose yourself in the service of others.
 - 3. Give me blood and I will give you freedom.
 - 4. First, they ignore you, then they laugh at you, then they fight you, then you win.

Question ID : **65497842404**
Status : **Answered**
Chosen Option : **3**

Q.10 In order to get clean drinking water disinfectant is used after filtration. Disinfectant, however, is NOT used for removing:

- Ans
- 1. viruses
 - 2. parasites
 - 3. minerals
 - 4. bacteria

Question ID : 65497844013
Status : Answered
Chosen Option : 3

Q.11 'शंकुक (gnomon)' _____ का एक भाग है।

- Ans
- 1. सौर घड़ी
 - 2. बोलोमीटर
 - 3. दूरबीन
 - 4. ट्रांसफार्मर

Question ID : 65497843404
Status : Not Answered
Chosen Option : --

Q.12 The Vernacular Press Act of 1878 was repealed during the tenure of Viceroy _____.

- Ans
- 1. Lord Ripon
 - 2. Lord Dufferin
 - 3. Lord Lansdowne
 - 4. Lord Northbrook

Question ID : 65497844423
Status : Answered
Chosen Option : 1

Q.13 Who among the following Indian artists won the 'Joan Miro Prize' for the year 2019?

- Ans
- 1. Jogen Chowdhury
 - 2. Nalini Malani
 - 3. Anjolie Ela Menon
 - 4. Jiten Thukral

Question ID : 65497844021
Status : Not Answered
Chosen Option : --

Q.14 Which of the following is more suitable than the others for the growth of cashew nut?

- Ans
- 1. Red laterite soil
 - 2. Black cotton soil
 - 3. Alluvial soil
 - 4. Arid soil

Question ID : 65497844420
Status : Answered
Chosen Option : 1

Q.15 Ashokan Minor Rock Edicts are found in different parts of India. Which of the following is NOT a find spot of Ashokan Minor Rock Edicts in Karnataka?

- Ans
- 1. Brahmagiri
 - 2. Gavimath
 - 3. Rupnath
 - 4. Maski

Question ID : 65497843412
Status : Not Answered
Chosen Option : --

Q.16 Under the National Urban Sanitation Policy, a city that scores points between 34 and 66 and needs considerable improvement is colour-coded _____.

- Ans
- 1. green
 - 2. black
 - 3. blue
 - 4. red

Question ID : 65497842194
Status : Answered
Chosen Option : 3

Q.17 _____ सप्तपदी अनुष्ठान के पूरा होने पर विवाह को पूर्ण और बाध्यकारी मानता है।

- Ans
- 1. भारतीय ईसाई विवाह अधिनियम, 1862
 - 2. हिंदू विवाह अधिनियम, 1955
 - 3. मुस्लिम पर्सनल लॉ (शरीयत) एप्लीकेशन अधिनियम, 1937
 - 4. पारसी विवाह और तलाक अधिनियम, 1936

Question ID : 65497842408
Status : Answered
Chosen Option : 2

Q.18 The Government of India imposed an Agriculture and Infrastructure Development Cess of _____ per litre on petrol through Union Budget 2021-22.

- Ans
- 1. ₹3.5
 - 2. ₹3
 - 3. ₹2.5
 - 4. ₹4

Question ID : 65497842390
Status : Answered
Chosen Option : 3

Q.19 Which of the following persons was named as Dean of Harvard Business School in October 2020?

- Ans**
- 1. Sanjit Roy
 - 2. Achyuta Samanta
 - 3. Srikant Datar
 - 4. Nitin Nohria

Question ID : **65497842406**
Status : **Not Answered**
Chosen Option : --

Q.20 Which of the following Amendments of the Constitution of India was enacted in 1993 to constitutionally recognise municipal governments?

- Ans**
- 1. 73rd Constitutional Amendment Act (CAA), 1990
 - 2. 72nd Constitutional Amendment Act (CAA), 1989
 - 3. 74th Constitutional Amendment Act (CAA), 1992
 - 4. 71st Constitutional Amendment Act (CAA), 1988

Question ID : **65497844025**
Status : **Answered**
Chosen Option : **3**

Q.21 The Annapurna peak belongs to which region of the Himalayas?

- Ans**
- 1. Nepal
 - 2. Garhwal
 - 3. Bhutan
 - 4. Kumaon

Question ID : **65497843411**
Status : **Answered**
Chosen Option : **2**

Q.22 As per WHO (World Health Organization), which of the following is NOT an example of disinfection by-products formed at traditional drinking water treatment plants?

- Ans**
- 1. Titania
 - 2. Bromate
 - 3. Chlorate
 - 4. Chlorite

Question ID : **65497842196**
Status : **Not Answered**
Chosen Option : --

Q.23 The picture that won the World Press Photo of the Year 2021 contest is titled '_____'.


- Ans** 1. The First Embrace
 2. Crying Girl on the Border
 3. Emancipation Memorial Debate
 4. Straight Voice

Question ID : **65497842205**
Status : **Not Answered**
Chosen Option : --

Q.24 Which of the following states has the lowest female sex ratio according to the 2011 Census?

- Ans** 1. Uttar Pradesh
 2. Punjab
 3. Sikkim
 4. Haryana

Question ID : **65497844015**
Status : **Not Answered**
Chosen Option : --

Q.25 Who among the following was the first Indian Governor of Reserve Bank of India?

- Ans** 1. CD Deshmukh
 2. HVR Lengar
 3. PC Bhattacharya
 4. LK Jha

Question ID : **65497842189**
Status : **Answered**
Chosen Option : 1

Section : **Quantitative Aptitude**

Q.1 A shopkeeper bought toffees at a rate of 10 for ₹15 and sold them at a rate of 16 for ₹40. Find his profit percentage.
(correct to two decimal places)

- Ans** 1. 65.05%
 2. 33.33%
 3. 50.55%
 4. 66.67%

Question ID : **65497844035**
Status : **Answered**
Chosen Option : 4

Q.2 180 m ऊंचे जहाज के मास्टहेड से नाव का अवनमन कोण 60° है। जहाज से नाव की दूरी (m में) ज्ञात कीजिए।

- Ans
- ✗ 1. 360
 - ✓ 2. $60\sqrt{3}$
 - ✗ 3. $180\sqrt{3}$
 - ✗ 4. 180

Question ID : 65497842231
Status : Answered
Chosen Option : 2

Q.3 Find the value of the following expression:

$$\frac{4\frac{1}{3} + 3\frac{1}{3} \times 1\frac{4}{5} \div 3\frac{3}{4} \times \left(6\frac{1}{4} \text{ of } 1\frac{1}{15}\right)}{\frac{2}{3} \div \frac{5}{6} \times \frac{2}{3}}$$

- Ans
- ✓ 1. $28\frac{1}{8}$
 - ✗ 2. $\frac{1}{8}$
 - ✗ 3. $289\frac{3}{8}$
 - ✗ 4. $12\frac{1}{2}$

Question ID : 65497842213
Status : Answered
Chosen Option : 1

Q.4 Find the smallest number which should be added to the smallest number divisible by 6, 9 and 15 to make it a perfect square.

- Ans
- ✓ 1. 10
 - ✗ 2. 9
 - ✗ 3. 19
 - ✗ 4. 21

Question ID : 65497842212
Status : Answered
Chosen Option : 1

Q.5 The radii of two concentric circles with centre O are 26 cm and 16 cm. Chord AB of the larger circle is tangent to the smaller circle at C and AD is a diameter. What is the length of CD?

- Ans**
- 1. 42 cm
 - 2. 36 cm
 - 3. 35 cm
 - 4. 38 cm

Question ID : 65497844448
Status : Not Answered
Chosen Option : --

Q.6 Find the sum of the greatest and the smallest number which may replace k in the number 3281k6 to make the number divisible by 6.

- Ans**
- 1. 9
 - 2. 8
 - 3. 5
 - 4. 4

Question ID : 65497844433
Status : Answered
Chosen Option : 2

Q.7 A household appliances company offers two successive discounts of 20% and 35% on the sale of a food processor. What is the final sale price (in Rs, to the nearest rupee) of a food processor costing Rs 4580?

- Ans**
- 1. 2519
 - 2. 2977
 - 3. 2382
 - 4. 3664

Question ID : 65497844670
Status : Answered
Chosen Option : 3

Q.8 If $5x - \frac{1}{4x} = 6, x > 0$, then find the value of $25x^2 - \frac{1}{16x^2}$.

- Ans**
- 1. $6\sqrt{41}$
 - 2. 36
 - 3. $\sqrt{246}$
 - 4. $6\sqrt{31}$

Question ID : 65497842426
Status : Not Answered
Chosen Option : --

Q.9 In triangle ABC, the bisector of angle BAC meets BC at point D in such a way that $AB = 10$ cm, $AC = 15$ cm and $BD = 6$ cm. Find the length of BC (in cm).

- Ans**
- 1. 17
 - 2. 11
 - 3. 15
 - 4. 9

Question ID : 65497842429
Status : Answered
Chosen Option : 3

Q.10 A and B working alone can complete a work in 8 days and 12 days, respectively. They started working together, but A left 2 days before completion of the work. In how many days was the work completed?

- Ans**
- 1. 6
 - 2. 5
 - 3. 8
 - 4. 10

Question ID : 65497844038
Status : Answered
Chosen Option : 1

Q.11 Person A started a business by investing ₹65,000. After a few months, B joined him by investing ₹50,000. Three months after the joining of B, C joined the two with an investment of ₹55,000. At the end of the year, A got 50% of profit as his share. For how many months did A alone finance the business?

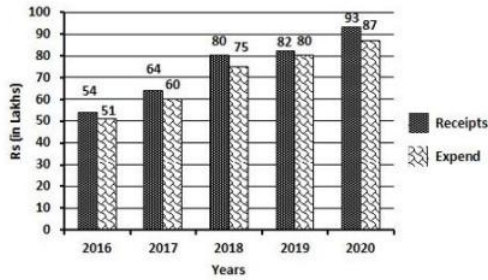
- Ans**
- 1. 2
 - 2. 3
 - 3. 5
 - 4. 4

Question ID : 65497842420
Status : Not Answered
Chosen Option : --

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Q.12 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 minimum amount?



- Ans**
- 1. 2016
 - 2. 2017
 - 3. 2019
 - 4. 2018

Question ID : 65497842131
Status : Answered
Chosen Option : 3

Q.13 Three positive numbers are in the ratio 2 : 3 : 4. The sum of their squares is 2349. The average of the first two numbers is:

- Ans**
- 1. 36
 - 2. 27.5
 - 3. 18
 - 4. 22.5

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Question ID : 65497844436
Status : Answered
Chosen Option : 4

Q.14 The sides of a triangular field are 360 m, 480 m and 600 m. Its area is equal to the area of a square field. What is the side (in m) of the square field?

- Ans**
- 1. $120\sqrt{6}$
 - 2. $160\sqrt{6}$
 - 3. $160\sqrt{3}$
 - 4. $120\sqrt{3}$

Question ID : 65497844444
Status : Answered
Chosen Option : 1

Q.15 A person's salary was decreased by 50% and subsequently increased by 50%. By what much per cent does his salary increase or decrease?

- Ans**
- 1. Decrease 18%
 - 2. Increase 15%
 - 3. Increase 20%
 - 4. Decrease 25%

Question ID : 65497844438
Status : Answered
Chosen Option : 4

Q.16 In a ΔABC , D, E and F are the mid-points of side BC, CA and AB respectively. If BC = 25.6 cm, CA = 18.8 cm and AB = 20.4 cm, what is the perimeter (in cm) of the ΔDEF ?

- Ans**
- 1. 36.8
 - 2. 30.6
 - 3. 32.4
 - 4. 34.4

Question ID : 65497844046
Status : Answered
Chosen Option : 3

Q.17 Find the value of the following expression:

$$\frac{(7.03)^3 - 0.027}{(7.03)^2 + 2.109 + (0.3)^2}$$

- Ans**
- 1. 7.06
 - 2. 7
 - 3. 7.33
 - 4. 6.73

Question ID : 65497844041
Status : Answered
Chosen Option : 4

Q.18 Anil lent a sum of ₹5,000 on simple interest for 10 years in such a way that the rate of interest is 6% per annum for the first 2 years, 8% per annum for the next 2 years and 10% per annum beyond 4 years. How much interest (in ₹) will he earn at the end of 10 years?

- Ans**
- 1. 5,000
 - 2. 4,400
 - 3. 4,200
 - 4. 3,500

Question ID : 65497843431
Status : Answered
Chosen Option : 2

Q.19 The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart.

Total number of employees = 2400.



If 40% of the number of employees in office A are shifted equally to office B and E, then what will be the sum of the number of employees in B and C?

- Ans**
- 1. 648
 - 2. 735
 - 3. 545
 - 4. 72

Question ID : 65497844456
 Status : Answered
 Chosen Option : 1

Q.20 O is the centre of a circle of radius 10 cm. P is a point outside the circle and PQ is a tangent to the circle. What is the length (in cm) of PQ if the length OP is 26 cm?

- Ans**
- 1. $2\sqrt{194}$
 - 2. 20
 - 3. 25
 - 4. 24

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Question ID : 65497843437
 Status : Answered
 Chosen Option : 1

Q.21 If $A = 30^\circ$, what is the value of: $\frac{[8 \sin A + 11 \operatorname{cosec} A - \cot^2 A]}{10 \cos^2 A}$?

- Ans**
- 1. $5\frac{1}{5}$
 - 2. $4\frac{3}{5}$
 - 3. $4\frac{2}{5}$
 - 4. $3\frac{4}{5}$

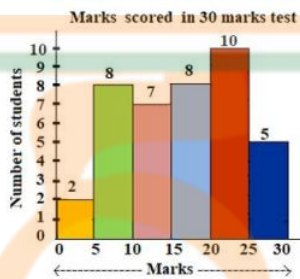
Question ID : 65497844048
 Status : Answered
 Chosen Option : 2

Q.22 The distance between two stations A and B is 200 km. A train runs from A to B at a speed of 75 km/h, while another train runs from B to A at a speed of 85 km/h. What will be the distance between the two trains (in km) 3 minutes before they meet?

- Ans**
- 1. 5
 - 2. 8
 - 3. 10
 - 4. 6

Question ID : **65497842423**
Status : **Answered**
Chosen Option : **2**

Q.23 The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test. What is the percentage of students who passed the test?

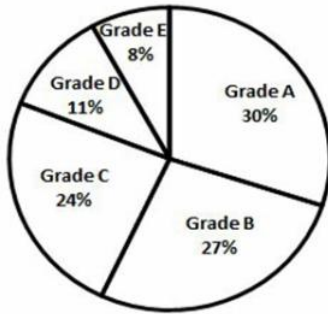


- Ans**
- 1. 75%
 - 2. 30%
 - 3. 72%
 - 4. 66.66%

Question ID : **65497843447**
Status : **Answered**
Chosen Option : **1**

Q.24 Performance of 1800 students in grades has been shown in the following pie chart.

The number of students getting grade B is what percentage of the number of students getting grade A?



- Ans
- 1. 97%
 - 2. 90%
 - 3. 95%
 - 4. 85%

Question ID : 65497842233
Status : Answered
Chosen Option : 2

Q.25 If $(2 \cos A + 1)(2 \cos A - 1) = 0$, $0^\circ < A \leq 90^\circ$, then find the value of A.

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

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Question ID : 65497842431
Status : Answered
Chosen Option : 4

Section : English Comprehension

Q.1 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'.

If Vinay has the book why he is not giving you?

- Ans
- 1. he not giving it to you
 - 2. is he not giving it to you
 - 3. he is not gave to you
 - 4. No substitution required

Question ID : 65497842250
Status : Not Answered
Chosen Option : --

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A person above a hundred years in age

- Ans** 1. Centenarian
 2. Venerable
 3. Aged
 4. Geriatric

Question ID : 65497844077
Status : Answered
Chosen Option : 1

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

Frenzy

- Ans** 1. Craze
 2. Rage
 3. Calm
 4. Fury

Question ID : 65497843467
Status : Answered
Chosen Option : 3

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

The new Vande Bharat trains will have some additional _____ such as emergency windows for evacuation, disaster lights etc.

- Ans** 1. types
 2. qualities
 3. features
 4. pieces

Question ID : 65497844079
Status : Answered
Chosen Option : 3

Q.5 Select the option that expresses the given sentence in reported speech.

Mother said to her, "I expected a better result from you."

- Ans** 1. Mother told her that she had expected a better result from her.
 2. Mother told her that she expected a better result from her.
 3. Mother told her that she was expecting a better result from you.
 4. Mother told her that she expected a better result from you.

Question ID : 65497843460
Status : Answered
Chosen Option : 1

Q.6 Select the most appropriate meaning of the given idiom.

Hit a brick wall

- Ans** 1. Demolish a brick wall
 2. Not able to make any progress
 3. Use physical force
 4. Fight a powerful foe

Question ID : **65497843469**
Status : **Answered**
Chosen Option : **2**

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

To sit on the fence

- Ans** 1. Occupy a bench next to a boundary
 2. Avoid taking sides
 3. Take a high seat
 4. Place something on a barrier

Question ID : **65497844478**
Status : **Answered**
Chosen Option : **2**

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

A person who collects or studies stamps

- Ans** 1. Numismatist
 2. Hoarder
 3. Collector
 4. Philatelist

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Question ID : **65497842460**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the option that expresses the given sentence in active voice.

Rishabh was declared fit to play the next match.

- Ans** 1. Rishabh declared them fit to play the next match.
 2. They will declare Rishabh fit to play the next match.
 3. They declared Rishabh fit to play the next match.
 4. They had declared Rishabh fit to play the next match.

Question ID : **65497842240**
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'.

Whom was the person that you wanted me to contact there?

- Ans**
- 1. No substitution required
 - 2. Who is the person
 - 3. Whom is the person
 - 4. Whom were the persons

Question ID : 65497844471
Status : Answered
Chosen Option : 2

Q.11 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. The British were exploiting the indigo farmers in the area.
- B. He lived in the district until the exploitation of the farmers was successfully stopped.
- C. Gandhiji's Satyagraha for India's Independence began with the famous 'Champaran movement' in Bihar.
- D. So, Gandhiji visited Motihari, the district headquarters of Champaran, in 1917 to protest against the British.

- Ans**
- 1. ADBC
 - 2. CABD
 - 3. ACBD
 - 4. CADB

Question ID : 65497842251
Status : Answered
Chosen Option : 4

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Paul was / bited by a dog / when he / was a child.

- Ans**
- 1. when he
 - 2. bited by a dog
 - 3. Paul was
 - 4. was a child

Question ID : 65497843451
Status : Answered
Chosen Option : 2

Q.13 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.

You and I / have submitted / your work / on time.

- Ans**
- 1. on time
 - 2. your work
 - 3. have submitted
 - 4. You and I

Question ID : **65497844257**
Status : **Answered**
Chosen Option : **2**

Q.14 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.

They ordered the whole area / to be disinfected / on the earliest.

- Ans**
- 1. to be disinfected
 - 2. They ordered the whole area
 - 3. on the earliest
 - 4. No error

Question ID : **65497842440**
Status : **Not Answered**
Chosen Option : --

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- 1. Voluntary
 - 2. Disparity
 - 3. Continuance
 - 4. Convincing

Question ID : **65497842462**
Status : **Answered**
Chosen Option : **3**

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

Honest

- Ans**
- 1. Secretive
 - 2. Sincere
 - 3. Daring
 - 4. Strange

Question ID : **65497842252**
Status : **Answered**
Chosen Option : **2**

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

I did not / buy neither / of the / two dresses.

- Ans**
- 1. two dresses
 - 2. of the
 - 3. I did not
 - 4. buy neither

Question ID : 65497843145
Status : Answered
Chosen Option : 4

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

She baked a large blueberry cake.

- Ans**
- 1. A large blueberry cake was being baked by her.
 - 2. A large blueberry cake has been baked by her.
 - 3. A large blueberry cake was baked by her.
 - 4. A large blueberry cake is baked by her.

Question ID : 65497842443
Status : Answered
Chosen Option : 3

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

GRACEFUL

- Ans**
- 1. Awkward
 - 2. Dignified
 - 3. Refined
 - 4. Polite

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Question ID : 65497844476
Status : Answered
Chosen Option : 1

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

Imbue

- Ans**
- 1. Remove
 - 2. Clear
 - 3. Instil
 - 4. Deprive

Question ID : 65497842455
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.

(1) _____ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) _____ employees to accept new technology. (3) _____ training of staff becomes necessary to update their knowledge and to (4) _____ their skills. This is possible only (5) _____ effective communication between the management and the employees.

SubQuestion No : 21

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

- Ans** 1. No
 2. Slow
 3. Ultimate
 4. Rapid

Question ID : 65497844061

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.

(1) _____ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) _____ employees to accept new technology. (3) _____ training of staff becomes necessary to update their knowledge and to (4) _____ their skills. This is possible only (5) _____ effective communication between the management and the employees.

SubQuestion No : 22

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

- Ans** 1. dissuade
 2. discourage
 3. persuade
 4. deactivate

Question ID : 65497844062

Status : Answered

Chosen Option : 3

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Comprehension:

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

(1) _____ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) _____ employees to accept new technology. (3) _____ training of staff becomes necessary to update their knowledge and to (4) _____ their skills. This is possible only (5) _____ effective communication between the management and the employees.

SubQuestion No : 23

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

- Ans** 1. Intermittent
 2. Irregular
 3. Regular
 4. Improper

Question ID : 65497844063

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.

(1) _____ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) _____ employees to accept new technology. (3) _____ training of staff becomes necessary to update their knowledge and to (4) _____ their skills. This is possible only (5) _____ effective communication between the management and the employees.

SubQuestion No : 24

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

- Ans** 1. hamper
 2. enhance
 3. imitate
 4. decrease

Question ID : 65497844064

Status : Answered

Chosen Option : 2

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Comprehension:

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

(1) _____ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) _____ employees to accept new technology. (3) _____ training of staff becomes necessary to update their knowledge and to (4) _____ their skills. This is possible only (5) _____ effective communication between the management and the employees.

SubQuestion No : 25

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

Ans 1. by

2. through

3. throughout

4. with

Question ID : **65497844065**

Status : **Answered**

Chosen Option : **2**



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