Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	Dots Academy
Venue Name	
Exam Date	18/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section : **General Intelligence and Reasoning**

Q.1 Select the letter-cluster that can replace the question mark (?) in the following series.

GHB, LMG, PQK, ?

Ans ✗ 1. TSM

✔ 2. STN

✗ 3. ABX

✗ 4. PQE

Question ID : **65497844282**
Status : **Answered**
Chosen Option : **2**

Q.2 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:
No plum is an apricot.
All lemons are apricots.
All grapes are lemons.

Conclusions:
I. No apricot is a grape.
II. No grape is a plum.
III. No lemon is a plum.
IV. Some plums are lemons.

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Ans ✗ 1. Only conclusions I, II and IV follow.

✔ 2. Only conclusions II and III follow.

✗ 3. Only conclusions II, III and IV follow.

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

Question ID : **65497844292**
Status : **Answered**
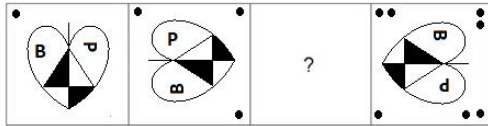Chosen Option : **2**

Q.3 Select the number from among the given options that can replace the question mark (?) in the following series.

39, 53, 69, 87, ?

Ans ✗ 1. 92

✗ 2. 99

✔ 3. 107

✗ 4. 115

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

Ans

✔ 1.

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✗ 2.

✗ 3.

✗ 4.

Q.5 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it

7 9 5
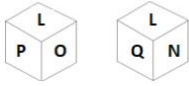3 8 ?
28 81 50

Ans ✗ 1. 5

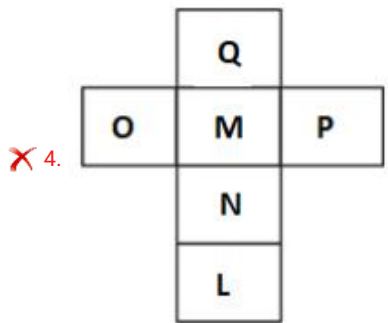✗ 2. 7

✗ 3. 8

✓ 4. 9

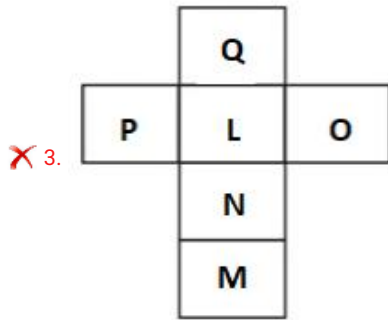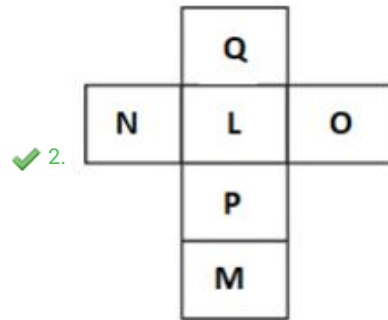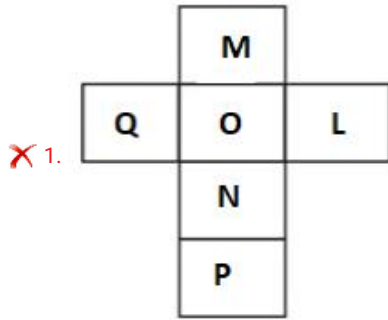Question ID : **65497841974**
Status : **Answered**
Chosen Option : **4**

Q.6 Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?

Ans

✗ 1.

✔ 2.

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✗ 3.

✗ 4.

Question ID : **65497842583**
Status : **Answered**
Chosen Option : **2**

Q.7 In a certain code language, 3224 means 'Taj is in Agra', and 4245 means 'Agra is near Delhi'.
Which of the following is the code for 'I like all fruits'?

Ans ✗ 1. 2534

✗ 2. 1526

✗ 3. 2425

✔ 4. 1436

Question ID : **65497841965**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the option that is related to the third term in the same way as the second term is related to the first term.

DOGMATIC : EQHOBVJD :: PRODUCTS : ?

Ans ✔ 1. RTQEWDVU

✗ 2. RTSEWDSQ

✗ 3. RTQEWDWV

✗ 4. RTQFXDVU

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Question ID : **65497844083**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Select the option that is related to the third number in the same way as the second number is related to the first number.

28 : 729 :: 32 : ?
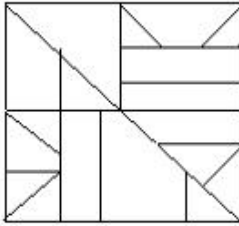
Ans ✗ 1. 738

✗ 2. 824

✔ 3. 961

✗ 4. 973

Question ID : **65497842578**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the option in which the given figure is embedded (rotation is NOT allowed).
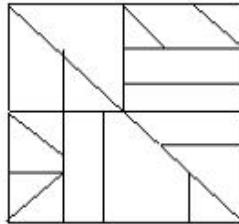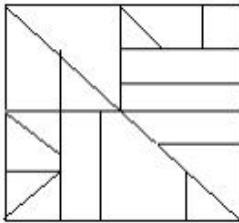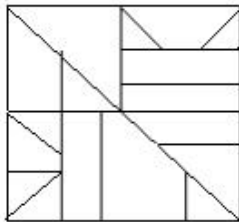

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **65497841980**
Status : **Answered**
Chosen Option : **2**

Q.11 Which two numbers (Not Digits) need to be interchanged to make the following equation correct?

15 + 90 ÷ 9 × 5 − 11 = 28

Ans ✗ 1. 15 and 5

✔ 2. 15 and 9

✗ 3. 9 and 5

✗ 4. 11 and 9

Question ID : **65497842480**
Status : **Answered**
Chosen Option : **2**

Q.12 In a certain code language, 'TOMATO' is coded as 40-30-26-2-40-30 and 'GINGER' is coded as 14-18-28-14-10-36. How will 'GARLIC' be coded in that language?

Ans ✔ 1. 14-2-36-24-18-6

✘ 2. 7-1-36-12-9-6

✘ 3. 14-1-18-24-18-3

✘ 4. 7-2-18-24-18-3

Question ID : **65497842570**
Status : **Answered**
Chosen Option : **1**
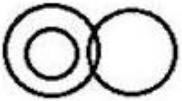
Q.13 Select the Venn diagram that best illustrates the relationship between the following classes.

Brothers, Nephews, Uncles

Ans

✘ 1.

✘ 2.

✘ 3.

✔ 4.

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Question ID : **65497844104**
Status : **Not Answered**
Chosen Option : **--**

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

15 * 1411 * 83 * 137 * 218 * 100

Ans ✔ 1. ×,÷, =, +,−

✘ 2. ×,+,÷,−, =

✘ 3. ×,=,−,÷,+

✘ 4. +,−,×, =, ÷

Question ID : **65497844299**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Radha wears five different coloured clothes, red, green, yellow, purple and brown, on five different days of a week, from Monday to Friday. She wears red clothes on Wednesday. She does not wear green and brown clothes on Monday or Friday. She wears green clothes on the next day of wearing yellow clothes. On which day does she wear brown clothes?

Ans ✘ 1. Monday

✘ 2. Tuesday

✘ 3. Friday

✔ 4. Thursday

Question ID : **65497842473**
Status : **Not Answered**
Chosen Option : **--**

Q.16 If GATE is coded as QKDO, then PLAN will be coded as:

Ans ✔ 1. ZVKX

✘ 2. FVKX

✘ 3. VFXK

✘ 4. ZVXK

Question ID : **65497844614**
Status : **Answered**
Chosen Option : **1**

Q.17 Introducing Kaumudi to a guest, a boy, Mihir, said, "She is the only daughter of my mother's brother-in-law". How is Mihir related to Kaumudi?

Ans ✔ 1. Cousin

✘ 2. Brother

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✘ 3. Uncle

✘ 4. Father

Question ID : **65497842472**
Status : **Answered**
Chosen Option : **1**

Q.18 Three different positions of the same non-standard dice are shown. Which letter will be on the face opposite to the face with the letter 'Q'?

Ans ✔ 1. U

✘ 2. S

✘ 3. R

✘ 4. P

Question ID : **65497844302**
Status : **Not Answered**
Chosen Option : **--**

Q.19 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).
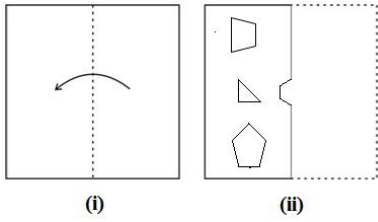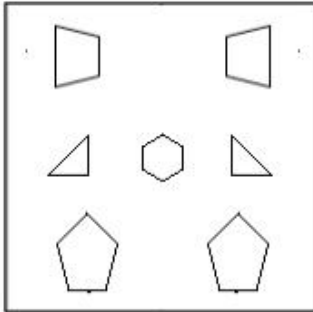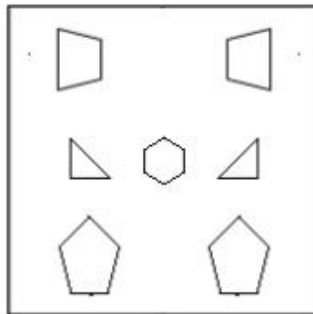
(i)   (ii)

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
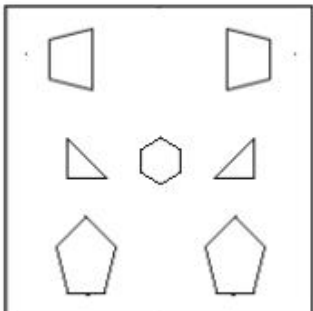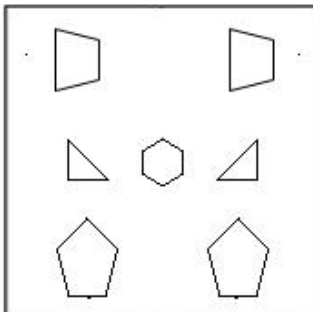
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Q.20 The ratio of the present ages of Charvi and Vaishnavi is 4 : 5. Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi. Find the present age of Vaishnavi.

Ans ✔ 1. 35 years

✘ 2. 25 years

✘ 3. 42 years

✘ 4. 28 years

Question ID : **65497844094**

Status : **Answered**

Chosen Option : **1**

Q.21 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?

Ans ✔ 1. 244

✘ 2. 422

✘ 3. 242

✘ 4. 224

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Question ID : **65497844294**

Status : **Not Answered**

Chosen Option : **--**

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K _ _ N L _ N K _ N _ L N K _ M _ L M _

Ans ✘ 1. M, M, L, K, K, L, K, N

✔ 2. L, M, M, M, K, L, K, N

✘ 3. L, M, M, K, K, L, N, N

✘ 4. L, M, M, K, K, M, K, N

Question ID : **65497844617**

Status : **Not Answered**

Chosen Option : **--**

Q.23 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.
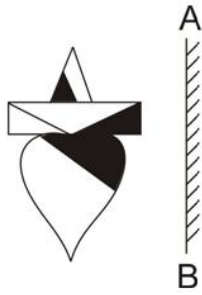
Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
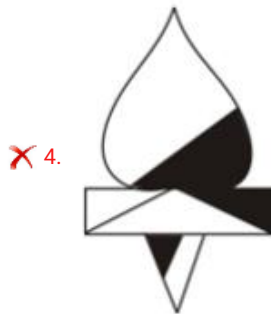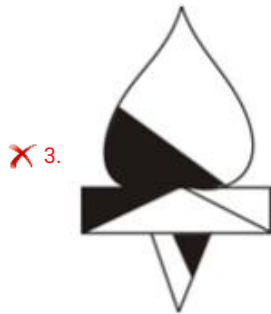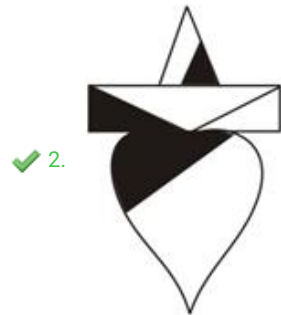
Q.24 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans ✔ 1. WUT

✘ 2. MJH

✘ 3. SPN

✘ 4. WTR

Question ID : **65497841961**
Status : **Answered**
Chosen Option : **1**

Q.25 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Projection
2. Professor
3. Product
4. Pronounce
5. Provide

Ans ✘ 1. 2, 3, 1, 4, 5

✘ 2. 3, 2, 4, 1, 5

✘ 3. 3, 2, 1, 5, 4

✔ 4. 3, 2, 1, 4, 5

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Question ID : **65497843374**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Which of the following parties supported the move for partition of Bengal?

Ans ✘ 1. Gadar Party

✘ 2. Communist Party of India

✘ 3. Forward Bloc

✔ 4. All India Muslim League

Question ID : **65497844322**
Status : **Answered**
Chosen Option : **1**

Q.2 What was the estimated national mortality rate of children under the age of five in the country as per Census of India 2011?

Ans ✘ 1. 76

✘ 2. 34

✔ 3. 55

✘ 4. 13

Question ID : **65497841997**
Status : **Not Answered**
Chosen Option : **--**

Q.3 What do you call the weight a soil can withstand before severe damage occurs to the structure of the soil?

Ans ✗ 1. Bulk density

✗ 2. Field capacity

✔ 3. Bearing capacity

✗ 4. Buffering capacity

Question ID : **65497844319**

Status : **Not Answered**

Chosen Option : **--**

Q.4 Who among the following wrote 'India Wins freedom'?

Ans ✔ 1. Abul Kalam Azad

✗ 2. Jaswant Singh

✗ 3. Jawaharlal Nehru

✗ 4. Rajendra Prasad

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Question ID : **65497844124**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Which of the following festivals is held on a new moon day?

Ans ✗ 1. Dussehra

✗ 2. Holi

✗ 3. Mahavir Jayanti

✔ 4. Kali Puja

Question ID : **65497844308**

Status : **Answered**

Chosen Option : **4**

Q.6 Which of the following states became the first state in India to provide 100% tap water supply in rural areas in 2020?

Ans ✗ 1. Mizoram

✔ 2. Goa

✗ 3. Kerala

✗ 4. Sikkim

Question ID : **65497842597**

Status : **Answered**

Chosen Option : **3**

Q.7 In Union Budget 2021-22, there is a proposal to provide liquid waste management in _____ AMRUT cities under Jal Jeevan Mission (Urban).

Ans ✗ 1. 350

✗ 2. 400

✓ 3. 500

✗ 4. 150

Question ID : **65497842493**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Who was the chairman of the House Committee of the Constituent Assembly of India?

Ans ✗ 1. AV Thakkar

✗ 2. KM Munsi

✗ 3. JB Kripalani

✓ 4. B Pattabhi Sitaramayya

Question ID : **65497842006**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Nitrogen is a _____ element.

Ans ✗ 1. tetra-atomic

✗ 2. poly-atomic

✓ 3. diatomic

✗ 4. monoatomic

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Question ID : **65497841990**
Status : **Answered**
Chosen Option : **3**

Q.10 In the flocculation method of water treatment _____ chemical is added to water.

Ans ✓ 1. positively charged

✗ 2. high negatively charged

✗ 3. electro-neutral

✗ 4. low negatively charged

Question ID : **65497844312**
Status : **Not Answered**
Chosen Option : **--**

Q.11 In which of the following cities was the 2020 Asian Wrestling Championships held?

Ans ✓ 1. New Delhi

✗ 2. Colombo

✗ 3. Beijing

✗ 4. Tokyo

Question ID : **65497844330**
Status : **Answered**
Chosen Option : **1**

Q.12 Which of the following rivers originates in a spring at Verinag in the south-eastern part of Kashmir?

Ans ✗ 1. Beas

 ✓ 2. Jhelum

 ✗ 3. Sutlej

 ✗ 4. Chenab

Question ID : **65497842500**

Status : **Answered**

Chosen Option : **2**

Q.13 Who among the following became the first Indian to win the 'Best Actor' award at the Norwegian National Awards ceremony held in Haugesund, Norway in 2018?

Ans ✗ 1. Ranvir Shorey

 ✗ 2. Ram Kapoor

 ✗ 3. Nawazuddin Siddique

 ✓ 4. Adil Hussain

Question ID : **65497842608**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Which of the following varnas was responsible for protecting people and administering justice in ancient India as per rules laid down by the Dharmasutras and Dharmashastras?

Ans ✗ 1. Shudra

 ✓ 2. Kshatriya

 ✗ 3. Vaishya

 ✗ 4. Brahmana

Question ID : **65497841998**

Status : **Not Answered**

Chosen Option : **--**

Q.15 As per Union Budget for 2021–22, interest earned on Provident Fund contribution above _____ lakhs in a year will become taxable.

Ans ✗ 1. ₹2

 ✓ 2. ₹2.5

 ✗ 3. ₹1

 ✗ 4. ₹1.5

Question ID : **65497842592**

Status : **Not Answered**

Chosen Option : **--**

Q.16 According to Economic Survey 2020-2021, India's real GDP is projected to record _____ growth in the Fiscal Year 2021-22.

Ans ✗ 1. 10.8%

✗ 2. 13.5%

✓ 3. 11.0%

✗ 4. 12.3%

Question ID : **65497844108**

Status : **Not Answered**

Chosen Option : **--**

Q.17 Ozone is a molecule made up of _____ oxygen atoms.

Ans ✗ 1. two

✗ 2. four

✓ 3. three

✗ 4. one

Question ID : **65497842498**

Status : **Answered**

Chosen Option : **3**

Q.18 Actor _____ was conferred with the 'Lifetime Achievement' award at the Filmfare Awards 2021.

Ans ✓ 1. Irrfan Khan

✗ 2. Rishi Kapoor

✗ 3. Dharmendra

✗ 4. Amitabh Bachchan

Question ID : **65497842506**

Status : **Not Answered**

Chosen Option : **--**

Q.19 A 'Nattuvanar' conducts a _____ dance recital.

Ans ✗ 1. Kuchipudi

✓ 2. Bharatanatyam

✗ 3. Kathak

✗ 4. Odissi

Question ID : **65497841984**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Which of the following symmetries is exhibited by arthropods?

Ans ✗ 1. Translational

✓ 2. Bilateral

✗ 3. Axial

✗ 4. Radial

Question ID : **65497844115**

Status : **Not Answered**

Chosen Option : **--**

Q.21 As of 2021, who is the reigning Olympic Men's Field Hockey champion?

Ans ✗ 1. Belgium

✗ 2. Germany

✗ 3. Holland

✓ 4. Argentina

Question ID : **65497844129**

Status : **Answered**

Chosen Option : **2**

Q.22 How many electrons are there in the outermost shell of a group 16 element?

Ans ✗ 1. 3

✓ 2. 6

✗ 3. 5

✗ 4. 4

Question ID : **65497844113**

Status : **Answered**

Chosen Option : **2**

Q.23 The fine for extinguishing public lamps may extend to _____ as per Section 141 of The Electricity Act, 2003.

Ans ✓ 1. ₹2,000

✗ 2. ₹5,000

✗ 3. ₹2,500

✗ 4. ₹3,000

Question ID : **65497842510**

Status : **Not Answered**

Chosen Option : **--**

Q.24 The Right of Children to Free and Compulsory Education Act or Right to Education (RTE) Act is an Act of the Parliament of India enacted in the year _____.

Ans ✔ 1. 2009

✘ 2. 2007

✘ 3. 2005

✘ 4. 2012

Question ID : **65497842610**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In the context of Indian Freedom Movement, which of the following years is correctly paired with the event that took place that year?

Ans ✘ 1. 1944 – The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British war efforts in the 2nd World War

✘ 2. 1936 – The First Round Table Conference

✔ 3. 1915 – Mahatma Gandhi returned from South Africa

✘ 4. 1945 – The All India Congress Committee met in Bombay and ratified the 'Quit India' resolution

Question ID : **65497842606**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 A river 6 m deep and 35 m wide is flowing at the rate of 2.5 km/h, the amount of water that runs into the sea per minute is:

Ans ✔ 1. 8750 m^3

✘ 2. 7580 m^3

✘ 3. 7850 m^3

✘ 4. 8570 m^3

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Question ID : **65497842828**
Status : **Not Answered**
Chosen Option : **--**

Q.2 If a nine digit number $468x5138y$ is divisible by 72, then the value of $\sqrt{4x + 3y}$ is:

Ans ✘ 1. 9

✘ 2. 8

✔ 3. 6

✘ 4. 12

Question ID : **65497844332**
Status : **Answered**
Chosen Option : **3**

Q.3 What is the greatest four-digit number which on being divided by 6, 7 and 8 leaves 4, 5 and 6 as remainders, respectively?

Ans ✗ 1. 9921

✗ 2. 9920

✗ 3. 9912

✔ 4. 9910

Q.4 The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.

Total number of employees of the corporate office = 2500

Study the chart carefully and answer the question that follows.

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

58+ years and above, 10%
19 to 28 years, 20%
48+ to 58 years, 15%
28+ to 38 years, 25%
38+ to 48 years, 30%
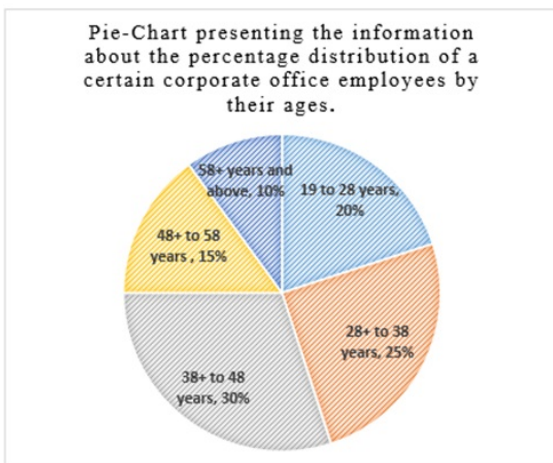
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What is the central angle (in degrees) corresponding to the age groups 38+ to 48 years and 58+ years and above, taken together?

Ans ✔ 1. 144

✗ 2. 36

✗ 3. 120

✗ 4. 108

Q.5 The given bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹millions) during 2014 to 2018.
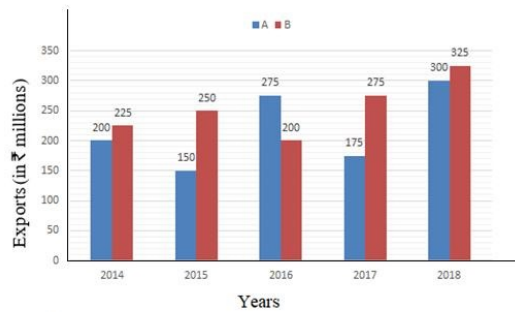
In which year are the exports of cars of type A ₹20 million less more than the average exports (per year) of cars of type B?

Ans
  ✗ 1. 2014

  ✗ 2. 2017

  ✗ 3. 2015

  ✔ 4. 2016

Q.6 The cost prices of two articles A and B are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on article A and 20% profit on article B, and the difference in their selling prices is ₹480. Find 30% of the total cost price (in ₹) of both the articles.

Ans
  ✔ 1. 810

  ✗ 2. 900

  ✗ 3. 1,000

  ✗ 4. 1,250

Q.7 The expression $(cos^6\theta + sin^6\theta - 1)(tan^2\theta + cot^2\theta + 2) + 1$ is equal to:

Ans
  ✗ 1. -1

  ✗ 2. 1

  ✔ 3. -2

  ✗ 4. 0

Q.8 A can complete work in 25 days and B can complete the same work in 20 days. They started the work together but B left after 4 days and A continued to work. In how many days will the entire work be completed?

Ans
✗ 1. 22

✗ 2. 28

✗ 3. 25

✔ 4. 20

Question ID : **65497842523**
Status : **Answered**
Chosen Option : **4**

Q.9 Joseph deposited a total of ₹52,500 in a bank in the names of his two daughters aged 15 years and 16 years in such a way that they would get equal amounts when they become 18 years old. If the bank gives 10% compound interest compounded annually, then what is the amount (in ₹) that Joseph had deposited in the name of his younger daughter?

Ans
✔ 1. 25,000

✗ 2. 26,000

✗ 3. 25,500

✗ 4. 24,500

Question ID : **65497842017**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The circumference of the base of a right circular cylinder is 62.8 cm and its volume is 8792 cm^3 . What is the curved surface area (in cm^2) of the cylinder? (Take $\pi = 3.14$)

Ans
✔ 1. 1758.4

✗ 2. 1570.2

✗ 3. 1695.6

✗ 4. 1632.8

Question ID : **65497844347**
Status : **Not Answered**
Chosen Option : **--**

Q.11 A shopkeeper announces a discount of 48% and then by a further discount of 15%. What is the final sale price (in Rs, to the nearest rupee) of a sofa costing Rs 29600 and what is the discount (in Rs)?

Ans
✗ 1. 13280, 16517

✗ 2. 16517, 13083

✗ 3. 16517, 13280

✔ 4. 13083, 16517

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Question ID : **65497844666**
Status : **Not Answered**
Chosen Option : **--**

Q.12 A railway engine passes two bridges of lengths 400 m and 235 m in 100 seconds and 60 seconds, respectively. Twice the length of the railway engine (in m) is:

Ans
✗ 1. 24
✗ 2. 12.5
✔ 3. 25
✗ 4. 12

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Q.13 AB is a chord of a circle with centre O, while PAQ is the tangent at A. R is a point on the minor arc AB. If ∠BAQ = 70° , then find the measure of ∠ARB.

Ans
✔ 1. 110°
✗ 2. 145°
✗ 3. 125°
✗ 4. 70°

Q.14 The average of eight consecutive odd numbers is 28. The sum of the smallest and the largest number is:

Ans
✔ 1. 56
✗ 2. 48
✗ 3. 45
✗ 4. 52

Q.15 If a positive number 'k' when multiplied by 30% of itself gives a number which is 170% more than the number 'k', then the number 'k' is equal to:

Ans
✔ 1. 6
✗ 2. 9
✗ 3. 5
✗ 4. 7

Q.16 If $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$, then the value of $\sqrt{(A^2 + B^2 + C^2)}$ is:

Ans

✗ 1. $\sqrt{21}$

✔ 2. $\sqrt{19}$

✗ 3. $\sqrt{11}$

✗ 4. $\sqrt{17}$

Question ID : **65497842526**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In ΔABC, AB = 7 cm, BC = 10 cm, and AC = 8 cm. If AD is the angle bisector of $\angle BAC$, where D is a point on BC,

then $\frac{DC}{4}$ (in cm) is equal to:

Ans

✗ 1. $\dfrac{7}{3}$

✗ 2. $\dfrac{14}{3}$

✗ 3. $\dfrac{11}{3}$

✔ 4. $\dfrac{4}{3}$

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Question ID : **65497842531**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The ratio of the profits of P and Q is 5 : 8. What is their investment ratio, if their investment time period ratio is 3 : 5?

Ans

✔ 1. $25 : 24$

✗ 2. $12 : 25$

✗ 3. $13 : 25$

✗ 4. $24 : 25$

Question ID : **65497842622**
Status : **Not Answered**
Chosen Option : **--**

Q.19 If $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$, then the value of $(a - b - 7c)$ is:

Ans

✗ 1. 4

✔ 2. 2

✗ 3. 1

✗ 4. 3

Question ID : **65497842628**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The given bar graph shows the sales of computers from six dealers A, B, C, D, E and F, during two consecutive years 2015 and 2016. Study the graph and answer the question that follows.
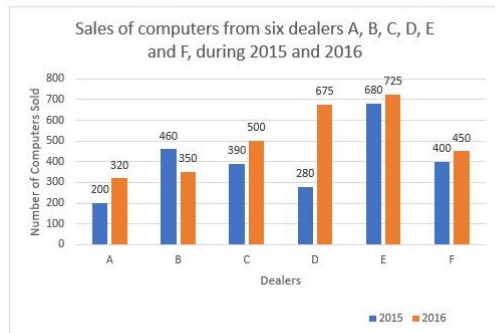
What is the ratio of the total sales from dealers A, B and C taken together for the year 2015 to the sales from dealers D, E and F taken together for the year 2016?

Ans
✗ 1. $37 : 21$
✔ 2. $21 : 37$
✗ 3. $39 : 25$
✗ 4. $25 : 39$

Q.21 The sides AB and AC of Δ ABC are produced to points D and E, respectively. The bisectors of ∠ CBD and ∠ BCE meet at P. If ∠ A = 88° , then the measure of ∠ P is:

Ans
✔ 1. $46°$
✗ 2. $61°$
✗ 3. $56°$
✗ 4. $51°$

Q.22 The value of $15 + 6.3 \div 7 - 3 \times 1.3 - 2$ is:

Ans
✗ 1. 9
✗ 2. −10
✔ 3. 10
✗ 4. 7

Q.23 A poster is on top of a building. A person is standing on the ground at a distance of 50 m from the building. The angles of elevation to the top of the poster and bottom of the poster are 45° and 30°, respectively. What is 200% of the height (in m) of the poster?

Ans

✗ 1. $\dfrac{75}{3}(3 - \sqrt{3})$

✗ 2. $\dfrac{25}{3}(3 - \sqrt{3})$

✔ 3. $\dfrac{100}{3}(3 - \sqrt{3})$

✗ 4. $\dfrac{50}{3}(3 - \sqrt{3})$

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Question ID : **65497844150**
Status : **Answered**
Chosen Option : **4**

Q.24

The value of $2 - \sqrt{\dfrac{cot\theta + cos\theta}{cot\theta - cos\theta}}$, when $0° < \theta < 90°$ is equal to:

Ans

✗ 1. $2 + \sec\theta - \tan\theta$

✗ 2. $2 - \sec\theta + \tan\theta$

✔ 3. $2 - \sec\theta - \tan\theta$

✗ 4. $2 + \sec\theta + \tan\theta$

Question ID : **65497842633**
Status : **Not Answered**
Chosen Option : **--**

Q.25 The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

During which hour(s) is the number of cars passed more than the average number of cars passed from 6 am to 11 am?
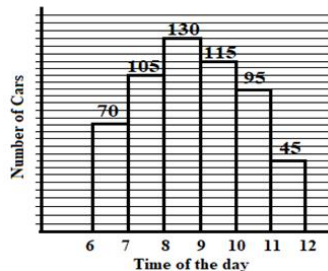
Ans

✔ 1. 7–8 am, 8–9 am, 9–10 am

✗ 2. 7–8 am, 8–9 am, 9–10 am, 10–11 am

✗ 3. 8–9 am, 9–10 am

✗ 4. 8–9 am

Dots Academy

Question ID : **65497842033**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 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.

Take care/ for keep/ your valuables safely.

Ans ❌ 1. Take care

❌ 2. No error

❌ 3. your valuables safely

✔️ 4. for keep

Question ID : **65497843448**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the option that expresses the given sentence in indirect speech.

"Please allow me to leave now," Ritika said to her teacher.

Ans ✔️ 1. Ritika requested her teacher to allow her to leave then.

❌ 2. Ritika requested my teacher to allow her to leave now.

❌ 3. Ritika requested her teacher to allow me to leave now.

❌ 4. Ritika requested her teacher to allow me to leave then.

Question ID : **65497842046**
Status : **Answered**
Chosen Option : **1**

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He / can have been / more polite / to her.

Ans ✔️ 1. can have been

❌ 2. He

❌ 3. more polite

❌ 4. to her

Question ID : **65497843045**
Status : **Answered**
Chosen Option : **1**

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

Nowadays, common people take / interest in the manner / in which / they were governed.

Ans ❌ 1. interest in the manner

❌ 2. in which

✔️ 3. they were governed

❌ 4. Nowadays common people take

Question ID : **65497842037**
Status : **Answered**
Chosen Option : **3**

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

OCCUPIED

Ans   ✔ 1. Free

      ✘ 2. New

      ✘ 3. Late

      ✘ 4. Vast

Question ID : **65497844375**

Status : **Answered**

Chosen Option : **1**

Q.6 Select the most appropriate synonym of the given word.

Threshold

Ans   ✘ 1. exit

      ✘ 2. stairs

      ✔ 3. doorway

      ✘ 4. window

Question ID : **65497844171**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Select the option that expresses the given sentence in passive voice.

You could put your money to good use.

Ans   ✘ 1. Your money has been put to good use.

      ✘ 2. Your money could have been put to good use.

      ✔ 3. Your money could be put to good use.

      ✘ 4. Your money is being put to good use.

Question ID : **65497844159**

Status : **Answered**

Chosen Option : **3**

Q.8 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. But instead of asking the guest to rest, he said, "I have arranged to take you for Shikar."
B. The host welcomed him warmly.
C. At last he arrived at the beautiful city.
D. Great preparations were made for Amir of Isfahan's journey to Shiraz.

Ans   ✔ 1. DCBA

      ✘ 2. DCAB

      ✘ 3. CADB

      ✘ 4. BDCA

Question ID : **65497844170**

Status : **Answered**

Chosen Option : **1**

Q.9 Select the correct passive voice of the given sentence.

She has read all the plays of Shakespeare.

Ans ✗ 1. All the plays of Shakespeare were read by her.

✓ 2. All the plays of Shakespeare have been read by her.

✗ 3. All the plays of Shakespeare had been read by her.

✗ 4. All the plays of Shakespeare are read by her.

Question ID : **65497842645**

Status : **Answered**

Chosen Option : **2**

Q.10 Select the most appropriate meaning of the given idiom.

To bury the hatchet

Ans ✗ 1. To fight with someone

✓ 2. To end a quarrel

✗ 3. To stop talking to someone

✗ 4. To bury old things

Question ID : **65497842055**

Status : **Not Answered**

Chosen Option : **--**

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There have been / three breaks-in / in our society / this month.

Ans ✗ 1. There have been

✗ 2. this month

✓ 3. three breaks-in

✗ 4. in our society

Question ID : **65497842642**

Status : **Not Answered**

Chosen Option : **--**

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

Devious

Ans ✗ 1. Dishonest

✗ 2. Crooked

✗ 3. Crafty

✓ 4. Sincere

Question ID : **65497842053**

Status : **Not Answered**

Chosen Option : **--**

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

All the guests were shocked at his _____ laughter.

Ans   ✗ 1. Unrecognised

     ✔ 2. Unrestrained

     ✗ 3. Unremarkable

     ✗ 4. Unresolved

Question ID : **65497842564**
Status : **Not Answered**
Chosen Option : **--**

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

Perjury

Ans   ✔ 1. Falsehood

     ✗ 2. Penury

     ✗ 3. Melancholy

     ✗ 4. Frankness

Question ID : **65497842657**
Status : **Not Answered**
Chosen Option : **--**

Q.15 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'.

While the online class was going on, they had to keep their cameras on.

Ans   ✗ 1. had keep the camera on

     ✔ 2. No substitution required

     ✗ 3. are keeping their camera on

     ✗ 4. have kept their cameras on

Question ID : **65497844370**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

One who knows everything

Ans   ✔ 1. Omniscient

     ✗ 2. Invincible

     ✗ 3. Experienced

     ✗ 4. Naïve

Question ID : **65497842562**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Select the INCORRECTLY spelt word.

Ans ✗ 1. Tenure

✗ 2. Oblique

✗ 3. Partner

✓ 4. Digonal

Question ID : **65497842664**

Status : **Answered**

Chosen Option : **4**

Q.18 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'.

I shall certainly write to you when <u>I shall reach</u> Bengaluru.

Ans ✓ 1. I reach

✗ 2. I am reaching

✗ 3. I reached

✗ 4. No substitution required

Question ID : **65497844169**

Status : **Answered**

Chosen Option : **1**

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

Easy money

Ans ✓ 1. Make money without much effort, maybe illegally

✗ 2. Work hard to earn a large salary without telling anyone

✗ 3. Collect someone's cash for them easily

✗ 4. Have no difficulty in collecting money that is due

Question ID : **65497844377**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A seat for a passenger on a bicycle or motorbike

Ans ✓ 1. Pillion

✗ 2. Girdle

✗ 3. Cushion

✗ 4. Bridle

Question ID : **65497842662**

Status : **Not Answered**

Chosen Option : **--**

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.

Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____by the politicians have all become part of the (5)_____.

SubQuestion No : 21

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

Ans ✗ 1. arose

✔ 2. arises

✗ 3. rise

✗ 4. rose

Question ID : **65497842546**
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.

Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____by the politicians have all become part of the (5)_____.

SubQuestion No : 22

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

Ans ✗ 1. donations

✔ 2. awards

✗ 3. rewards

✗ 4. gifts

Question ID : **65497842547**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____by the politicians have all become part of the (5)_____.

SubQuestion No : 23

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

Ans   ✔ 1. Representations

        ✘ 2. Delegations

        ✘ 3. Illustrations

        ✘ 4. Exhibitions

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Question ID : **65497842548**

Status : **Not Answered**

Chosen Option : **--**

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.

Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____by the politicians have all become part of the (5)_____.

SubQuestion No : 24

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

Ans   ✘ 1. intermissions

        ✘ 2. intersections

        ✔ 3. interventions

        ✘ 4. interjections

Question ID : **65497842549**

Status : **Not Answered**

Chosen Option : **--**

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.

Not a year passes without a controversy over the national sports awards. The debate that (1)_____ every year following the announcement of the (2)_____ often leads to accusations of bias, regionalism and manipulations. (3)_____ to the Sports Minister and Chief Ministers and (4)_____ by the politicians have all become part of the (5)_____.

SubQuestion No : 25

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

Ans ✘ 1. line

✔ 2. game

✘ 3. sport

✘ 4. jest

Question ID : **65497842550**
Status : **Not Answered**
Chosen Option : **--**