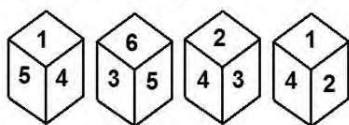


Combined Graduate Level Examination 2021 Tier - I

| | |
|----------------|----------------------------------|
| Roll Number | Join Telegram For Free Material |
| Candidate Name | Join Telegram For Free Material |
| Venue Name | Pawan Ganga Educational Centre 1 |
| Exam Date | 11/04/2022 |
| Exam Time | 12:30 PM - 1:30 PM |
| Subject | CGLE 2021 Tier I |

Section : General Intelligence and Reasoning

Q.1 Four different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having the number '1'.



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

Question ID : 65497843494

Status : Answered

Chosen Option : 4

Q.2 Pamila is the granddaughter of Akun who is married to Nikita. Murali is the brother-in-law of Akun who has two daughters but no son. Rahul is the cousin of Kamal and brother of Pamila. Uday and Vanmay are the sons-in-law of Nikita. Vanmay is married to Yamini and they have two daughters and one son. Uday has one son and one daughter. Tina and Smita are the daughters of Yamini. Murali is unmarried. How is Yamini related to Rahul?

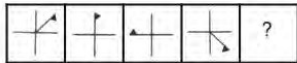
- Ans**
- ☒ 1. Aunt
 - ☒ 2. Mother
 - ☒ 3. Sister
 - ☒ 4. Daughter

Question ID : 65497844391

Status : Not Answered

Chosen Option : --

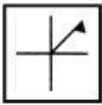
Q.3 Select the figure from among the given options that can replace the question mark (?) in the following series.



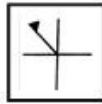
Ans



1.



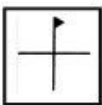
2.



3.



4.



Question ID : 65497844402

Status : Answered

Chosen Option : 2

Q.4 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

7 13 174

9 25 104

11 30 ?

Ans



1. 431



2. 335



3. 100



4. 129

Question ID : 65497843085

Status : Not Answered

Chosen Option : --

Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

 1.



 2.



 3.



 4.

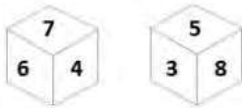


Question ID : 65497843091

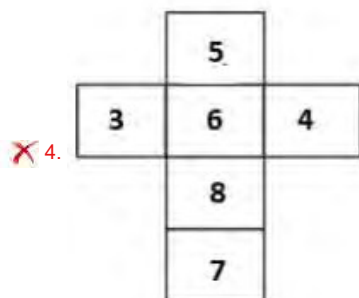
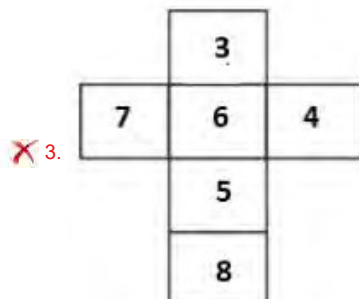
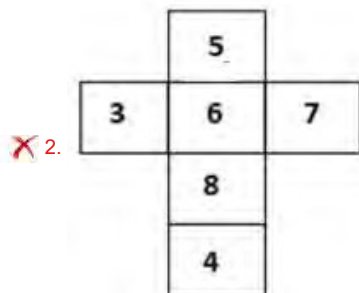
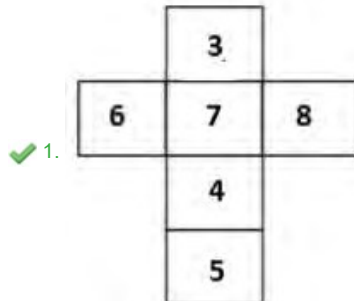
Status : Answered

Chosen Option : 2

Q.6 Two orientations of the same box are shown. How will this box look when unfolded?



Ans



Question ID : 65497841977
Status : Not Answered
Chosen Option : --

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No pink is yellow.

No yellow is white.

All reds are yellows.

Conclusions:

I. No red is pink.

II. No red is white.

III. No white is yellow.

- Ans**
- ☐ 1. Only conclusions I and II follow
 - ☐ 2. Only conclusions I and III follow
 - ☐ 3. Only conclusions II and III follow
 - ☒ 4. All the conclusions follow

Question ID : 65497843484

Status : Answered

Chosen Option : 4

Q.8 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KYBA, FT EE, AOHI, VJKO, ?, LZQA

- Ans**
- ☐ 1. PFNU
 - ☒ 2. QENU
 - ☐ 3. QEMI
 - ☐ 4. QDNI

Question ID : 65497843474

Status : Answered

Chosen Option : 2

Q.9 In a certain code language, 'RAKHI' is coded as 36-2-22-16-18 and 'SHALU' is coded as 38-16-2-24-42. How will 'MANJU' be coded in that language?

- Ans**
- ☐ 1. 13-2-28-10-24
 - ☐ 2. 13-2-14-10-24
 - ☐ 3. 26-1-14-20-42
 - ☒ 4. 26-2-28-20-42

Question ID : 65497841964

Status : Answered

Chosen Option : 4


Q.10 Select the option that is related to the third number in the same way as the second number is related to the first number.

23 : 441 :: 28 : ?

- Ans**
- ☒ 1. 692
 - ☒ 2. 494
 - ☒ 3. 528
 - ☒ 4. 676

Question ID : 65497841972
Status : Answered
Chosen Option : 4

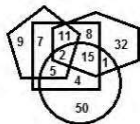
Q.11 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

% O V e R t H R o W & 

- Ans**
- ☒ 1. % O Λ e B t H B o M &
 - ☒ 2. & W O Я H t Я e V o %
 - ☒ 3. & W o Я H t Я e V O %
 - ☒ 4. & W o Я H t Я e V O %

Question ID : 65497844405
Status : Answered
Chosen Option : 3

Q.12 In the following Venn diagram, the hexagon stands for 'police officers', the pentagon stands for 'graduates', the circle stands for 'females', and the square stands for 'Indians'. The given numbers represent the number of persons in that particular category.



How many Indian police officers are graduates but NOT females?

- Ans**
- ☒ 1. 11
 - ☒ 2. 8
 - ☒ 3. 13
 - ☒ 4. 19

Question ID : 65497843599
Status : Answered
Chosen Option : 1

Q.13 In a certain code language, MONEY is written as PRQHB. In the same code language, CREDIT will be written as:

- Ans ☒ 1. FUGHLW
☒ 2. FUHGLW
☒ 3. FUHGWL
☒ 4. FHGULW

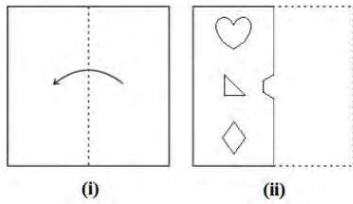
Question ID : 65497844593
Status : Answered
Chosen Option : 2

Q.14 In a certain code language, 'her father is okay' is coded as 6583, 'my father is well' is coded as 5137 and 'her arm is injured' is coded as 2839. How will 'okay' be coded in that language?

- Ans ☒ 1. 6
☒ 2. 8
☒ 3. 3
☒ 4. 5

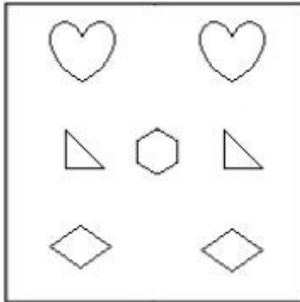
Question ID : 65497843076
Status : Answered
Chosen Option : 1

Q.15 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).

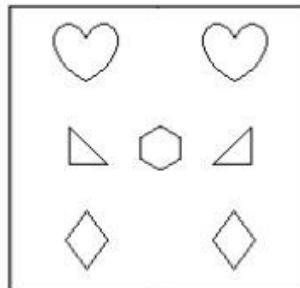


Ans

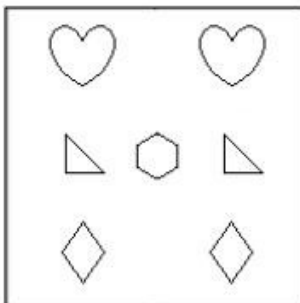
☒ 1.



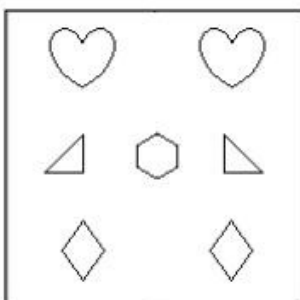
☒ 2.



☒ 3.



☒ 4.



Question ID : 65497841982
Status : Answered
Chosen Option : 2

Q.16 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Starfish
2. Blue whale
3. Shark
4. Giant tortoise
5. Penguin

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

Question ID : 65497842768
Status : **Answered**
Chosen Option : 3

Q.17 Five persons are sitting in a row facing the north. One of the two persons at the extreme ends is an introvert and the other one is an extrovert. A thin person is sitting to the immediate right of an intelligent person. A weak person is sitting to the immediate left of the extrovert person. The intelligent person is sitting exactly between the introvert and the thin persons. Which of the following persons is sitting at the centre?

Ans ☒ 1. Extrovert
☒ 2. Intelligent
☒ 3. Weak
☒ 4. Thin

Question ID : 65497844392
Status : **Not Answered**
Chosen Option : --

Q.18 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. ZCGLS
☒ 2. NQUZF
☒ 3. LOSXD
☒ 4. FIMRX

Question ID : 65497843072
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.

10, 14, 31, 35, 73, 77, ?

Ans ☒ 1. 154
☒ 2. 90
☒ 3. 157
☒ 4. 81

Question ID : 65497843081
Status : **Answered**
Chosen Option : 3

Q.20 Which two digits should be interchanged to make the given equation correct?

$$384 \div 16 - 72 + 9 \times 10 = 2$$

Ans ☒ 1. 3 and 7

☒ 2. 7 and 9

☒ 3. 4 and 8

☒ 4. 6 and 9

Question ID : 65497844399

Status : Answered

Chosen Option : 2

Q.21 Select the option that is related to the third term in the same way as the second term is related to the first term.

PATELS : BQFUTM :: NECTAR : ?

Ans ☒ 1. FODUSZ

☒ 2. FOUDSB

☒ 3. FOVDBS

☒ 4. OEUDQB

Question ID : 65497843578

Status : Answered

Chosen Option : 2

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

16, 33, 100, 401, ?

Ans ☒ 1. 1588

☒ 2. 804

☒ 3. 1235

☒ 4. 2006

Question ID : 65497843486

Status : Answered

Chosen Option : 4

Q.23 Which two numbers and which two signs should be interchanged to balance the following equation?

$$24 \div 16 - 96 + 48 \times 12 = 195$$

Ans ☒ 1. 12 and 16, \times and $+$

☒ 2. 24 and 16, $-$ and \div

☒ 3. 24 and 48, \times and $+$

☒ 4. 12 and 48, \times and $+$

Question ID : 65497843491

Status : Answered

Chosen Option : 1

Q.24 A side of a square-shaped park is 12 m. If a square-shaped garden with a side of 24 m is developed around the park, what will be total area of the park including the garden?

Ans ☒ 1. 144 m²

☒ 2. 288 m²

☒ 3. 576 m²

☒ 4. 324 m²

Question ID : 65497843589

Status : Answered

Chosen Option : 2

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

_ L H _ _ U _ H _ _ U _ H _ N U _ _ E N

Ans ☒ 1. U, E, N, L, E, N, L, E, L, H

☒ 2. E, U, N, L, N, E, L, E, H, L

☒ 3. U, E, L, E, N, N, L, H, N, E

☒ 4. U, E, N, L, E, L, H, L, E, H

Question ID : 65497844596

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 Makaravilakku festival is celebrated at the sacred grove of Lord Ayyappa in:

Ans ☒ 1. Telangana

☒ 2. Andhra Pradesh

☒ 3. Karnataka

☒ 4. Kerala

Question ID : 65497843500

Status : Answered

Chosen Option : 4

Q.2 For which of the following teams is the former Indian football captain Sunil Chhetri played in 2021?

Ans ☒ 1. Chennaiyin FC

☒ 2. Bengaluru FC

☒ 3. NorthEast United FC

☒ 4. FC Goa

Question ID : 65497843624

Status : Answered

Chosen Option : 3

Q.3 Which of the following was a fishing colony that was used as a port for trading with the Romans and the Greco-Romans in ancient India?

- Ans ☒ 1. Lothal
☒ 2. Badami
☒ 3. Arikamedu
☒ 4. Tulapurushandana

Question ID : 65497843514
Status : Answered
Chosen Option : 1

Q.4 The 'Pradhan Mantri Annadata Aay Sanrakshhan Abhiyan' (PM-AASHA) has _____ components to rationalise the government agricultural produce price and policy for efficiency, savings by way of reduction of wastages and leakages in storage and make fiscal gains.

- Ans ☒ 1. five
☒ 2. three
☒ 3. two
☒ 4. eight

Question ID : 65497844412
Status : Answered
Chosen Option : 1

Q.5 Musi river is a tributary of which of the following rivers?

- Ans ☒ 1. Yamuna
☒ 2. Ganges
☒ 3. Godavari
☒ 4. Krishna

Question ID : 65497844419
Status : Answered
Chosen Option : 4

Q.6 Which of the following musical instruments did Dwaram Venkataswamy Naidu play?

- Ans ☒ 1. Violin
☒ 2. Mandolin
☒ 3. Veena
☒ 4. Nadaswaram

Question ID : 65497843095
Status : Not Answered
Chosen Option : --

Q.7 The Election Commission of India (ECI) is the watchdog of free and fair elections in the country and _____ of the Constitution of India provides for its establishment.

Ans ☒ 1. Article 356

☒ 2. Article 324

☒ 3. Article 352

☒ 4. Article 101

Question ID : 65497844429
Status : Answered
Chosen Option : 2

Q.8 NIP related to India's budget, which was announced in December 2019 by the Union Finance Minister of India stands for:

Ans ☒ 1. National Indigenous Project

☒ 2. National Infrastructure Pipeline

☒ 3. Neutral Interventions on Payments

☒ 4. Negotiable Instrument Protocol

Question ID : 65497843603
Status : Answered
Chosen Option : 2

Q.9 Rajeev Ram is a professional tennis player from _____

Ans ☒ 1. United States of America

☒ 2. Australia

☒ 3. Slovakia

☒ 4. United Kingdom

Question ID : 65497843522
Status : Not Answered
Chosen Option : --

Q.10 What is the name of the compound having the formula $\text{CH}_3\text{CH}_2\text{OH}$?

Ans ☒ 1. Acetic Acid

☒ 2. Ethanol

☒ 3. Methane

☒ 4. Chloroform

Question ID : 65497843610
Status : Answered
Chosen Option : 2

Q.11 Who is the author of the book, 'Poverty and Un-British Rule in India'?

Ans ☒ 1. Dadabhai Naoroji

☒ 2. Shashi Tharoor

☒ 3. Jairam Ramesh

☒ 4. Annie Besant

Question ID : 65497843619
Status : Answered
Chosen Option : 1

Q.12 Which of the following is the theme of International Day for Monuments and Sites, 2021?

- Ans**
- ☒ 1. Rural Landscapes
 - ☒ 2. Shared Culture, Shared Heritage and Shared Responsibility
 - ☒ 3. Heritage for Generations
 - ☒ 4. Complex Pasts: Diverse Futures

Question ID : 65497844425
Status : Answered
Chosen Option : 2

Q.13 The Atharvaveda is a collection of _____ khandas.

- Ans**
- ☒ 1. 20
 - ☒ 2. 15
 - ☒ 3. 10
 - ☒ 4. 5

Question ID : 65497843109
Status : Answered
Chosen Option : 1

Q.14 After Mahatma Gandhi's release from prison in January 1931, Congress leaders met at _____ to plan the future course of action.

- Ans**
- ☒ 1. Calcutta
 - ☒ 2. Lahore
 - ☒ 3. Allahabad
 - ☒ 4. Surat

Question ID : 65497842000
Status : Answered
Chosen Option : 1

Q.15 What is the nut of an oak tree called?

- Ans**
- ☒ 1. Kola nut
 - ☒ 2. Acorn
 - ☒ 3. Macadamia
 - ☒ 4. Chestnut

Question ID : 65497841991
Status : Marked For Review
Chosen Option : 4

Q.16 Which of the following compounds in petroleum can cause corrosion to parts of internal combustion engines and refineries?

- Ans ☒ 1. Potassium
☒ 2. Sulphur
☒ 3. Sodium
☒ 4. Calcium

Question ID : 65497844417
Status : Answered
Chosen Option : 2

Q.17 What is the percentage of rural child population to the total child population of the country in India as per Provisional Population Totals of Census 2011?

- Ans ☒ 1. 74.05 %
☒ 2. 79.03%
☒ 3. 62.45%
☒ 4. 55.23%

Question ID : 65497843108
Status : Not Answered
Chosen Option : --

Q.18 Which of the following is the main cause of 'bad lands'?

- Ans ☒ 1. Scanty rainfall
☒ 2. Soil erosion
☒ 3. Excessive forest cover
☒ 4. Open defecation

Question ID : 65497843511
Status : Answered
Chosen Option : 2

Q.19 Which of the following statements is correct with respect to chordates?

- Ans ☒ 1. Notochord is present
☒ 2. Heart is dorsal or laterally placed or absent
☒ 3. A post anal tail is absent
☒ 4. Double ventral solid nerve cord

Question ID : 65497843101
Status : Not Answered
Chosen Option : --

Q.20 The process of wastewater treatment is commonly called _____ treatment.

- Ans ☒ 1. sewage
☒ 2. microbe
☒ 3. bacteria
☒ 4. pollutant

Question ID : 65497843608
Status : Answered
Chosen Option : 1

Q.21 In February 2021, the Finance Minister of India announced the setting up of a Dispute Resolution Committee (DRC) for taxpayers with taxable income up to _____ and disputed income up to _____ .

- Ans** ☒ 1. ₹5 lakh, ₹1 lakh
☒ 2. ₹50 lakh, ₹10 lakh
☒ 3. ₹20 lakh, ₹5 lakh
☒ 4. ₹10 lakh, ₹2 lakh

Question ID : **65497841986**
Status : **Not Answered**
Chosen Option : --

Q.22 The chemical symbol of arsenic is:

- Ans** ☒ 1. As
☒ 2. Ar
☒ 3. Ac
☒ 4. An

Question ID : **65497843504**
Status : **Answered**
Chosen Option : 1

Q.23 Justice _____ was appointed Chief Justice of the Supreme Court of India with effect from 24th April 2021.

- Ans** ☒ 1. Ramayyagari Subhash Reddy
☒ 2. Ajikuttira Somaiah Bopanna
☒ 3. Kuttiyil Mathew Joseph
☒ 4. Nuthalapati Venkata Ramana

Question ID : **65497842002**
Status : **Answered**
Chosen Option : 4

Q.24 As per the Hindu Succession Act 1956, who amongst the following has the first right over the property of a Hindu woman who dies intestate?

- Ans** ☒ 1. Her parents
☒ 2. The legal heirs of her father
☒ 3. The legal heirs of her husband
☒ 4. Her husband

Question ID : **65497842004**
Status : **Answered**
Chosen Option : 4

Q.25 With reference to the Constituent Assembly, which of the following statements is correct?

- Ans** ☒ 1. The Constituent Assembly ratified India's membership of the Commonwealth in May 1947.
- ☒ 2. The Constituent Assembly adopted the National Anthem in January 1950.
- ☒ 3. The Constituent Assembly adopted the National Song in January 1948.
- ☒ 4. The Constituent Assembly adopted the National Flag in July 1949.

Question ID : 65497843117

Status : Answered

Chosen Option : 2

Section : Quantitative Aptitude

Q.1 A, B and C started a business in partnership. Initially, A invested ₹29,000, while B and C invested ₹25,000 each. After 4 months, A withdrew ₹3,000. After 2 more months, C invested ₹12,000 more. Find the share of C (in ₹) in the profit of ₹33,200 at the end of the year.

- Ans** ☒ 1. 10,800
- ☒ 2. 10,000
- ☒ 3. 11,067
- ☒ 4. 12,400

Question ID : 65497842016

Status : Answered

Chosen Option : 3

Q.2 If $\cos(A - B) = \frac{\sqrt{3}}{2}$ and $\sec A = 2$, $0^\circ \leq A \leq 90^\circ$, $0^\circ \leq B \leq 90^\circ$, then what is the measure of B?

- Ans** ☒ 1. 60°
- ☒ 2. 0°
- ☒ 3. 30°
- ☒ 4. 90°

Question ID : 65497842027

Status : Answered

Chosen Option : 4

Q.3 An alloy contains 40% of silver, 30% of copper and 30% of nickel. How much silver (in kg) should be added to 25 kg of the alloy so that the new alloy contains 50% of silver?

- Ans** ☒ 1. 5
- ☒ 2. 10
- ☒ 3. 12
- ☒ 4. 20

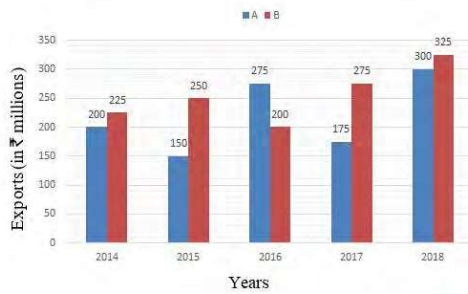
Question ID : 65497843529

Status : Not Answered

Chosen Option : --

Q.4 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.



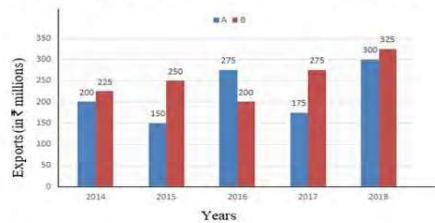
In which year were the exports of cars of type A ₹55 million less than the average exports (per year) of cars of type B over the five years?

- Ans**
- ☒ 1. 2015
 - ☒ 2. 2014
 - ☒ 3. 2017
 - ☒ 4. 2016

Question ID : 65497844151
Status : Answered
Chosen Option : 2

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) from 2014 to 2018.



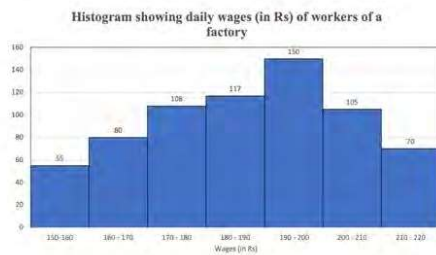
The total exports of cars of type B in 2014 to 2017 is what per cent more than the total exports of cars of type A in 2015 to 2018? (Correct to one decimal place)

- Ans**
- ☒ 1. 5.6%
 - ☒ 2. 4.9%
 - ☒ 3. 6.5%
 - ☒ 4. 7.2%

Question ID : 65497842838
Status : Answered
Chosen Option : 1

Q.6 The given histogram shows the daily wages (in ₹) of workers in a factory.

Study the histogram and answer the question that follows.



The number of workers with daily wages less than ₹180 is what percentage of the number of workers with daily wages more than ₹190? Express your answer correct to one decimal place.

- Ans
- ☒ 1. 85.6%
 - ☒ 2. 86.7%
 - ☒ 3. 75.8%
 - ☒ 4. 74.8%

Question ID : 65497843144
Status : Answered
Chosen Option : 4

Q.7 In a circle with centre O, chords PR and QS meet at the point T, when produced, and PQ is a diameter. If $\angle ROS = 42^\circ$, then the measure of $\angle PTQ$ is

- Ans
- ☒ 1. 59°
 - ☒ 2. 58°
 - ☒ 3. 48°
 - ☒ 4. 69°

Question ID : 65497843539
Status : Answered
Chosen Option : 3

Q.8 O is the centre of a circle with diameter 20 cm. T is a point outside the circle and TA is a tangent to a circle. If OT is = 26 cm, what is the length (in cm) of the tangent TA?

- Ans
- ☒ 1. 20
 - ☒ 2. 26
 - ☒ 3. 24
 - ☒ 4. 18

Question ID : 65497843134
Status : Answered
Chosen Option : 3

Q.9 Find the value of the following expression:

$$980 \div 35 \times 16 + 4 - 2 \times 2$$

Ans

☒ 1. $\frac{15}{2}$

☒ 2. 448

☒ 3. $\frac{7}{4}$

☒ 4. 556

Question ID : 65497843627

Status : Answered

Chosen Option : 2

Q.10 What is the height (in cm) of an equilateral triangle whose each side is 8 cm?

Ans

☒ 1. $4\sqrt{3}$

☒ 2. $3\sqrt{2}$

☒ 3. $4\sqrt{2}$

☒ 4. $3\sqrt{5}$

Question ID : 65497842025

Status : Answered

Chosen Option : 1

Q.11 A sum invested at compound interest amounts to ₹7,800 in 3 years and ₹11,232 in 5 years. What is the rate per cent?

Ans

☒ 1. 26%

☒ 2. 20%

☒ 3. 15%

☒ 4. 18%

Question ID : 65497843128

Status : Answered

Chosen Option : 2

Q.12 The width of the path around a square field is 4.5 m and its area is 105.75 m^2 . Find the cost of fencing the path at the rate of ₹100 per metre.

Ans

☒ 1. ₹550

☒ 2. ₹600

☒ 3. ₹275

☒ 4. ₹400

Question ID : 65497844141

Status : Not Answered

Chosen Option : --

Q.13 The length and the breadth of a rectangle are made to increase and decrease, respectively, by 8% and 10%. What is the percentage increase or decrease in its area?

- Ans**
- ☐ 1. Decrease by 1.8%
 - ☐ 2. Increase by 1.8%
 - ☐ 3. Increase by 2.8%
 - ☒ 4. Decrease by 2.8%

Question ID : 65497844642
Status : Answered
Chosen Option : 4

Q.14 A vertical pole and a vertical tower are on the same level of ground in such a way that from the top of the pole, the angle of elevation of the top of the tower is 60° and the angle of depression of the bottom of the tower is 30° . If the height of the tower is 76 m, then find the height (in m) of the pole.

- Ans**
- ☐ 1. 38
 - ☐ 2. $19\sqrt{3}$
 - ☒ 3. 19
 - ☐ 4. 57

Question ID : 65497843645
Status : Answered
Chosen Option : 1

Q.15 A pole 23 m long reaches a window which is $3\sqrt{5}$ m above the ground on one side of a street. Keeping its foot at the same point, the pole is turned to the other side of the street to reach a window $4\sqrt{15}$ m high. What is the width (in m) of the street?

- Ans**
- ☐ 1. 17
 - ☐ 2. 35
 - ☒ 3. 39
 - ☐ 4. 22

Question ID : 65497844450
Status : Answered
Chosen Option : 2

Q.16 X, Y and Z can do a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 2 days. If Z joined them after 8 days from the beginning, then for how many days did X work?

- Ans**
- ☐ 1. 16
 - ☐ 2. 21
 - ☒ 3. 18
 - ☐ 4. 13

Question ID : 65497844442
Status : Answered
Chosen Option : 3

Q.17 What is the value of:

$$8\sqrt{3} \sin 30^\circ \tan 60^\circ - 3 \cos 0^\circ + 3 \sin^2 45^\circ + 2 \cos^2 30^\circ$$

- Ans ☒ 1. 15
☒ 2. 12
☒ 3. 9
☒ 4. 18

Question ID : 65497844452
Status : Answered
Chosen Option : 2

Q.18 A car runs first 275 km at an average speed of 50 km/h and the next 315 km at an average speed of 70 km/h. What is the average speed (in km/h) for the entire journey?

- Ans ☒ 1. 58.5
☒ 2. 60
☒ 3. 59
☒ 4. 62

Question ID : 65497842019
Status : Answered
Chosen Option : 3

Q.19 If $(4x + 2y)^3 + (4x - 2y)^3 = 16(Ax^3 + Bxy^2)$, then what is the value of $\frac{1}{2}(\sqrt{A^2 + B^2})$?

- Ans ☒ 1. 8
☒ 2. 3
☒ 3. 5
☒ 4. 7

Question ID : 65497844445
Status : Answered
Chosen Option : 1

Q.20 Find the greatest number which divides 108, 124 and 156, leaving the same remainder.

- Ans ☒ 1. 18
☒ 2. 10
☒ 3. 12
☒ 4. 16

Question ID : 65497843626
Status : Answered
Chosen Option : 4

Q.21 Monthly expenditure of a family on different heads is shown in the following pie chart. The family earns ₹1,08,000 every month.

The money (in ₹) spent on Misc. Expenses is how much more than that spent on Children Education?

Expenditure on different Heads



- Ans
- ☒ 1. 1,800
 - ☒ 2. 1,350
 - ☒ 3. 1,500
 - ☒ 4. 1,200

Question ID : 65497843647
Status : Answered
Chosen Option : 3

Q.22 The profit earned by selling an article for ₹832 is equal to the loss incurred when the article is sold for ₹448. What will be the selling price of the article if it is sold at a 10% loss?

- Ans
- ☒ 1. ₹576
 - ☒ 2. ₹540
 - ☒ 3. ₹625
 - ☒ 4. ₹640

Question ID : 65497844439
Status : Answered
Chosen Option : 1

Q.23 In the first 10 overs of a cricket game, the run rate was only 7.2. What should be the average run rate in the remaining 40 overs to reach the target of 272 runs?

- Ans
- ☒ 1. 4
 - ☒ 2. 5
 - ☒ 3. 6
 - ☒ 4. 7

Question ID : 65497844133
Status : Answered
Chosen Option : 2

Q.24 How many numbers are there from 500 to 650 (including both) which are neither divisible by 3 nor by 7?

- Ans**
- ☒ 1. 21
 - ☒ 2. 121
 - ☒ 3. 87
 - ☒ 4. 99

Question ID : 65497843524
Status : Not Answered
Chosen Option : --

Q.25 Simplify the following expression:

$$\frac{(a^2 - 4b^2)^3 + 64(b^2 - 4c^2)^3 + (16c^2 - a^2)^3}{(a - 2b)^3 + (2b - 4c)^3 + (4c - a)^3}$$

- Ans**
- ☒ 1. $-(a + 2b)(b + 2c)(4c + a)$
 - ☒ 2. $2(a + 2b)(b + 2c)(4c + a)$
 - ☒ 3. $(a + 2b)(b + 2c)(4c + a)$
 - ☒ 4. $4(a + 2b)(b + 2c)(4c + a)$

Question ID : 65497842022
Status : Marked For Review
Chosen Option : 3

Section : English Comprehension

Q.1 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Retort
 - ☒ 2. Retrieve
 - ☒ 3. Revange
 - ☒ 4. Return

Question ID : 65497842058
Status : Answered
Chosen Option : 2

Q.2 Select the correct indirect speech form of the given sentence.

Mother said, "I'm worried about your safety."

- Ans**
- ☒ 1. Mother told me that she was worried about my safety.
 - ☒ 2. Mother said she is worried about your safety.
 - ☒ 3. Mother told me that she had been worried about my safety.
 - ☒ 4. Mother said that I was worrying about your safety.

Question ID : 65497843157
Status : Answered
Chosen Option : 1

Q.3 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'.

Of the two plans submitted by the architect, this is the one more likely to be accepted.

- Ans ☒ 1. much likely
☒ 2. No substitution required
☒ 3. most likelihood
☒ 4. most likely

Question ID : 65497843664
Status : Answered
Chosen Option : 2

Q.4 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 first meeting of the Standing Committee will be hold next week.

- Ans ☒ 1. No substitution required
☒ 2. will be holding next week
☒ 3. will be held next week
☒ 4. will held next week

Question ID : 65497843562
Status : Answered
Chosen Option : 3

Q.5 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 can help you to decide the right products for you.
B. Advertisements can be extremely useful if they are honest.
C. Teenagers are especially vulnerable to such advertisements.
D. However, some advertisements may be harmful as they try to befool you.

- Ans ☒ 1. CDAB
☒ 2. BADC
☒ 3. BCAD
☒ 4. CADB

Question ID : 65497843665
Status : Answered
Chosen Option : 3

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

One who supervises students in an examination hall

- Ans ☒ 1. Invigilator
☒ 2. Inspector
☒ 3. Examinee
☒ 4. Teacher

Question ID : 65497842056
Status : Answered
Chosen Option : 1

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

Taciturn

- Ans** ☒ 1. Verbose
☒ 2. Noisy
☒ 3. Lively
☒ 4. Reserved

Question ID : **65497842051**
Status : **Answered**
Chosen Option : **4**

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

Vertical

- Ans** ☒ 1. Upright
☒ 2. Equal
☒ 3. Parallel
☒ 4. Shaky

Question ID : **65497843666**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the most appropriate meaning of the given idiom.

Cake walk

- Ans** ☒ 1. Something tasty
☒ 2. Something easy
☒ 3. Something sweet
☒ 4. Something enjoyable

Question ID : **65497843569**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the option that expresses the given sentence in passive voice.

Give the child a nourishing diet.

- Ans** ☒ 1. The child is given a nourishing diet.
☒ 2. The child was given a nourishing diet.
☒ 3. The child should be given a nourishing diet.
☒ 4. The child must have given a nourishing diet.

Question ID : **65497842039**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the most appropriate **ANTONYM** of the given word.

Tenacious

- Ans ☒ 1. Steadfast
☒ 2. Relentless
☒ 3. Persistent
☒ 4. Yielding

Question ID : 65497843164
Status : Answered
Chosen Option : 4

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

We stayed / in Jim's flat / during he was / on holiday.

- Ans ☒ 1. on holiday
☒ 2. during he was
☒ 3. in Jim's flat
☒ 4. We stayed

Question ID : 65497842742
Status : Answered
Chosen Option : 2

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He allowed / his son to drive / but he warn him / of the danger.

- Ans ☒ 1. but he warn him
☒ 2. of the danger
☒ 3. He allowed
☒ 4. his son to drive

Question ID : 65497842036
Status : Answered
Chosen Option : 1

Q.14 Select the option that gives the most appropriate meaning of the underlined idiom.

The Chairman of our company takes care of the rank and file in the company.

- Ans ☒ 1. Ordinary people
☒ 2. Documents and files
☒ 3. Only the top rank people
☒ 4. Officers

Question ID : 65497843166
Status : Answered
Chosen Option : 1

Q.15 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.

Did you baked / the chocolate cake / yourself this time?

- Ans ☒ 1. Did you baked
☐ 2. No error
☐ 3. yourself this time
☐ 4. the chocolate cake

Question ID : 65497844459
Status : Answered
Chosen Option : 1

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

Global warming or climate change has today become a major _____ to mankind.

- Ans ☐ 1. penalty
☐ 2. punishment
☒ 3. threat
☐ 4. endanger

Question ID : 65497844483
Status : Answered
Chosen Option : 3

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

ROUGH

- Ans ☐ 1. Coarse
☐ 2. Crude
☒ 3. Smooth
☐ 4. Thick

Question ID : 65497843567
Status : Answered
Chosen Option : 3

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Do you / recall to meet / her at the party / last night?

- Ans ☐ 1. last night
☐ 2. her at the party
☐ 3. Do you
☒ 4. recall to meet

Question ID : 65497843148
Status : Answered
Chosen Option : 3

Q.19 Select the option that can be used as a one-word substitute for the given group of words.

Walk or move at a slow, relaxed pace

- Ans ☒ 1. Amble
☐ 2. Strut
☐ 3. Romp
☐ 4. Prance

Question ID : 65497844481
Status : Answered
Chosen Option : 2

Q.20 Select the option that expresses the given sentence in passive voice.

She gifted me a beautiful handbag.

- Ans ☐ 1. I am gifted a beautiful handbag by her.
☐ 2. I am being gifted a beautiful handbag by her.
☒ 3. I was gifted a beautiful handbag by her.
☐ 4. I have been gifted a beautiful handbag by her.

Question ID : 65497843654
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 21

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

- Ans ☐ 1. increasing
☐ 2. emphasising
☒ 3. minimising
☐ 4. maximising

Question ID : 65497844465
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 22

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

- Ans ☒ 1. low
☒ 2. capacious
☒ 3. soothing
☒ 4. alarming

Question ID : 65497844466

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 23

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

- Ans ☒ 1. creed
☒ 2. class
☒ 3. fraternity
☒ 4. persons

Question ID : 65497844467

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 24

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

- Ans ☒ 1. loses
☒ 2. gains
☒ 3. requires
☒ 4. finds

Question ID : 65497844468

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) _____ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) _____ proportion in recent times causing grave concern specially to the medical (3) _____. Walking is the best mode of physical exercise which (4) _____ no equipment, money, material or (5) _____ of a club.

SubQuestion No : 25

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

- Ans ☒ 1. correlation
☒ 2. membership
☒ 3. exemption
☒ 4. scholarship

Question ID : **65497844469**

Status : **Answered**

Chosen Option : **2**