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?

16−18×216÷432+40=20

Ans
  ✗ 1. + and −

  ✓ 2. × and ÷

  ✗ 3. × and +

  ✗ 4. ÷ 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 D 9) B 5 A 8 B (7 A 3 C 6) C (28 D (4 D 4))

Ans
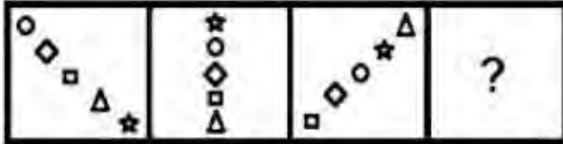 ✗ 1. 82

  ✗ 2. 32

  ✓ 3. 29

  ✗ 4. 38

Question ID : **65497843995**
Status : **Answered**
Chosen Option : **3**

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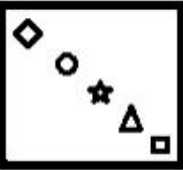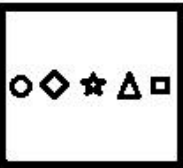

Ans

✔ 1. ◇ ○ ☆ △ ▢

✘ 2. (figure)

✘ 3. ◇ ○ △ ☆ ▢

✘ 4. ○ ◇ ☆ △ ▢

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
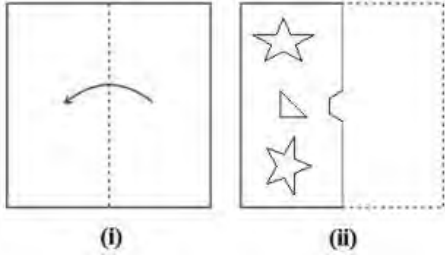
✘ 2. 1, 4, 2, 5, 3

✘ 3. 3, 4, 5, 2, 1

✘ 4. 2, 4, 5, 3, 1

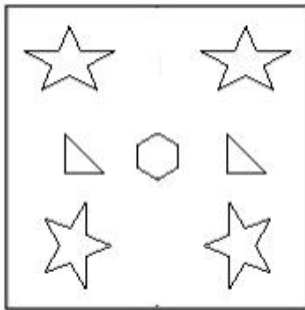**Q.8** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).
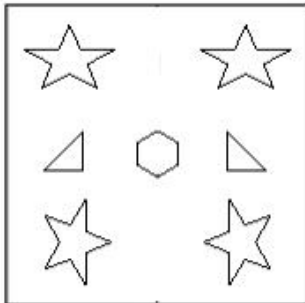

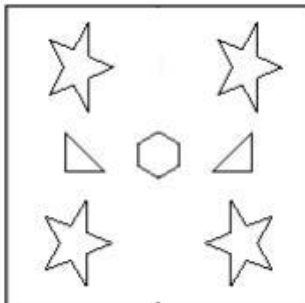(i)   (ii)

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
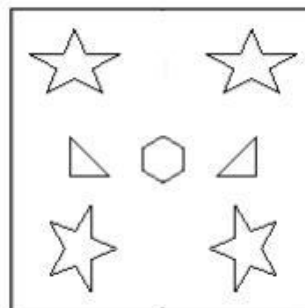
Question ID : **65497842386**
Status : **Answered**
Chosen Option : **4**

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.

59216Rgm

Ans ✗ 1. [water image option]

✗ 2. [water image option]

✗ 3. [water image option]

✓ 4. [water image option]

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).

(X)

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **65497843394**
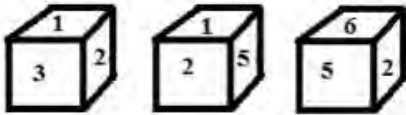Status : **Answered**
Chosen Option : **3**

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**

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

India, Delhi, Assam, Guwahati

Ans

✖ 1.

✔ 2.

✖ 3.

✖ 4.
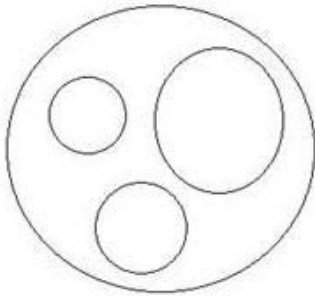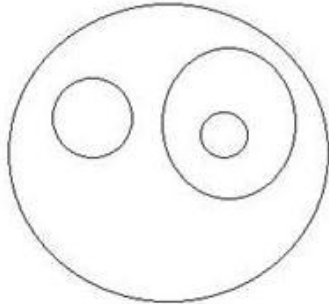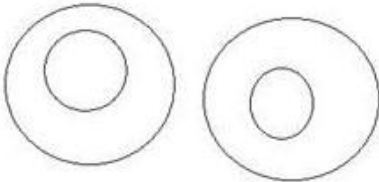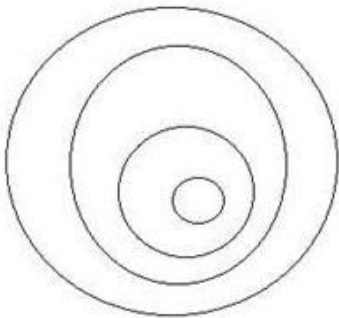
Q.18 Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?

Ans

✗ 1.

	%	
$	&	#
	@	
	$	

✗ 2.

	G	
#	@	%
	$	
	&	

✓ 3.

	&	
@	$	%
	#	
	G	

✗ 4.

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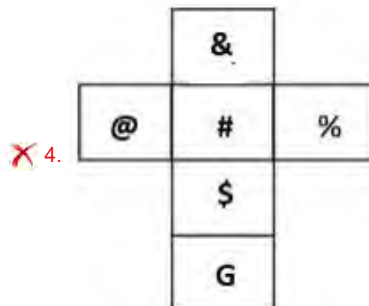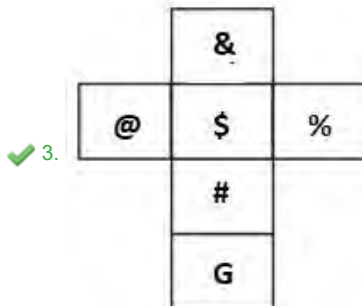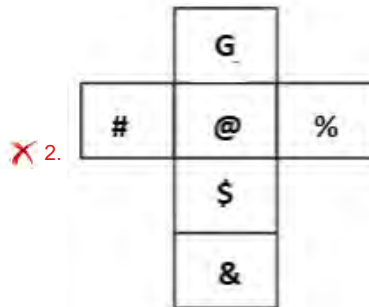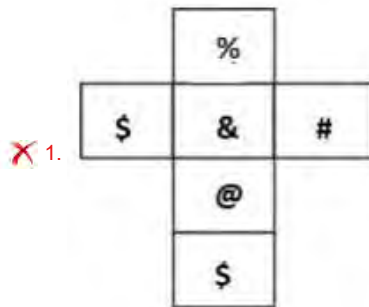
Q.19 In a certain code language, 'are you ready' is written as '541', 'we are going' is written as '261', and 'she is ready' is written as '498'. How will 'you' be written in that language?

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

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

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

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

Section : **General Awareness**

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%

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

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. $12\frac{1}{2}$

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

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 : **--**

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?
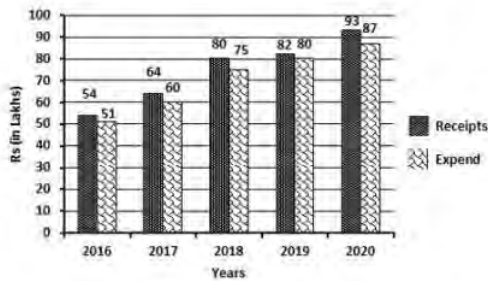
Ans ✗ 1. 2016

✗ 2. 2017

✔ 3. 2019

✗ 4. 2018

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

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. $120\sqrt{3}$

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 $\triangle ABC$, 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 $\triangle DEF$?

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

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

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

Ans
✘ 1. $5\frac{1}{5}$

✔ 2. $4\frac{3}{5}$

✘ 3. $4\frac{2}{5}$

✘ 4. $3\frac{4}{5}$

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

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.

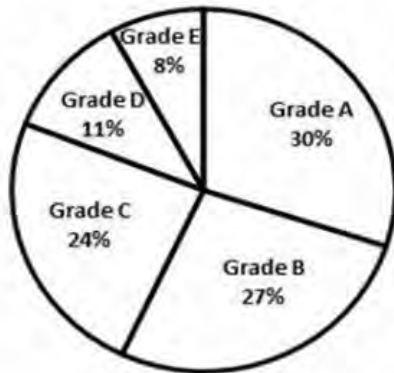What is the percentage of students who passed the test?
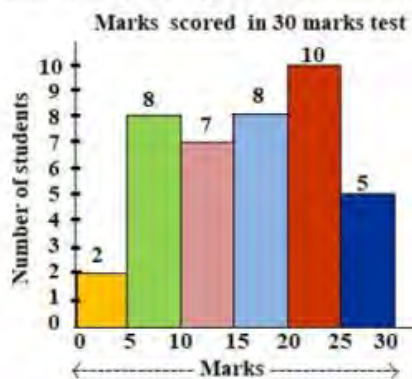
Marks scored in 30 marks test

Ans ✔ 1. 75%

✗ 2. 30%

✗ 3. 72%

✗ 4. 66.66%

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%

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

Ans ✗ 1. 90°

✗ 2. 45°

✗ 3. 30°

✔ 4. 60°

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

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

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

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

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

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. Continuanse

✗ 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

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**

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

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

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**