Combined Graduate Level Examination 2021 Tier - I

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

Section : **General Intelligence and Reasoning**

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

Ans ✗ 1. 280 m

   ✔ 2.

   ✗ 3. 410 m

   ✗ 4. 370 m

> Question ID : **65497843189**
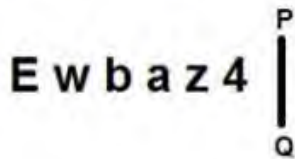> Status : **Answered**
> Chosen Option : **2**

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

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

Ans ✗ 1. 3, 4, 6, 5, 1, 2

   ✔ 2. 3, 6, 5, 1, 4, 2

   ✗ 3. 3, 6, 2, 4, 1, 5

   ✗ 4. 3, 2, 6, 1, 4, 5

> Question ID : **65497844182**
> Status : **Answered**
> Chosen Option : **2**

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

Ewbaz4 │

Ans ✓ 1.

✗ 2.

✗ 3.

✗ 4.

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

Ans ✗ 1. Maternal uncle

✓ 2. Paternal grandfather

✗ 3. Father

✗ 4. Paternal uncle

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

126 $ 7 % 3 @ 19 # 21

Ans ✓ 1. 52

✗ 2. 18

✗ 3. 23

✗ 4. 4

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

Ans ✗ 1. 2830204222414184

✗ 2. 2832384222416182

✗ 3. 2830384022614362

✓ 4. 2830384022414182

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

361, 323, 285, 247, ?

Ans ✗ 1. 215

✗ 2. 232

✗ 3. 227

✓ 4. 209

Question ID : **65497842475**

Status : **Answered**

Chosen Option : **4**

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

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

Ans ✗ 1. Q R P P

✓ 2. R Q P P

✗ 3. P Q R P

✗ 4. P P R Q

Question ID : **65497843986**

Status : **Answered**

Chosen Option : **2**

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

Ans ✗ 1. Raghav

✗ 2. Vedika

✓ 3. Arwa

✗ 4. Prakrit

Question ID : **65497844089**

Status : **Not Answered**

Chosen Option : **--**

Q.10 In a certain code language, 'FIXED' is written as 'XIFED', and 'MOUSE' is written as 'USOME'. How will 'GAMBIT' be written in that language?
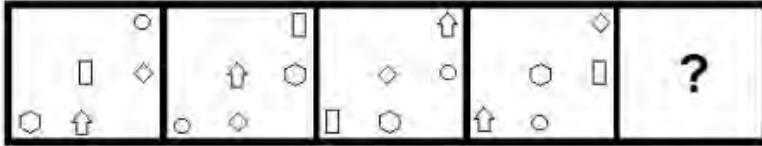
Ans ✗ 1. TGMIBA

✗ 2. TMGIBA

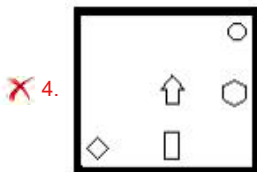✓ 3. TMIGBA

✗ 4. TIMGAB

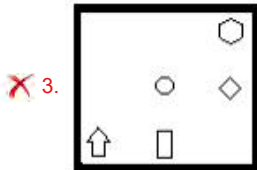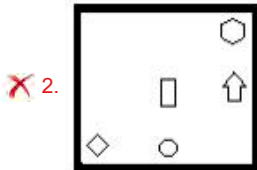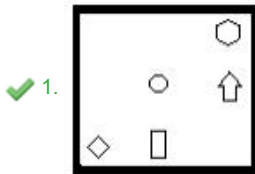Question ID : **65497843983**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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

Ans

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : 65497844099
Status : **Answered**
Chosen Option : **1**

Q.12 In the following Venn diagram, the pentagon stands for 'clerks', the triangle stands for 'coffee-lovers', the square stands for 'car-owners' and the circle stands for 'social workers'. The given letters represent the persons in that particular category.
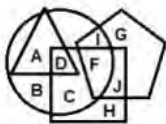
Which of the following categories of persons is represented by the letter 'D'?

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

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

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

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

Question ID : 65497842993
Status : **Answered**
Chosen Option : **2**

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

22 * 66 * 33 * 11 * 44 * 0

Ans ✔ 1. +, ÷, ×, −, =

✗ 2. ×, ÷, +, −, =

✗ 3. +, ÷, −, ×, =

✗ 4. ÷, +, ×, −, =

Question ID : **65497844096**

Status : **Answered**

Chosen Option : **1**

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

25 : 343

Ans ✔ 1. 24 : 216

✗ 2. 29 : 121

✗ 3. 34 : 510

✗ 4. 30 : 729

Question ID : **65497843184**

Status : **Answered**

Chosen Option : **1**

Q.15 Six letters, A, P, K, U, W and N, are written on different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the one having N.
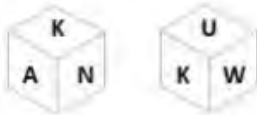
Ans ✗ 1. W

✗ 2. P

✔ 3. U

✗ 4. A

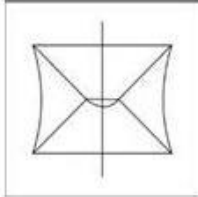Question ID : **65497842585**

Status : **Answered**

Chosen Option : **3**

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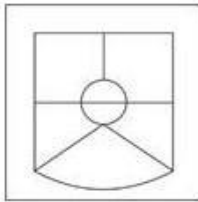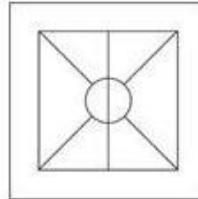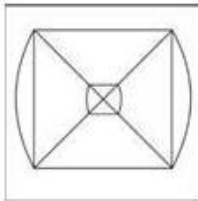
Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

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

PGF, QJK, RMP, SPU, ?

Ans ✗ 1. RTZ

✗ 2. USX

✔ 3. TSZ

✗ 4. STY

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

Ans ✔ 1. ₹80,000

✘ 2. ₹55,000

✘ 3. ₹70,000

✘ 4. ₹85,000

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

12, 38, 116, 350, ?

Ans ✔ 1. 1052

✘ 2. 986

✘ 3. 916

✘ 4. 1012

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some schools are colleges.
All colleges are universities.

Conclusions:
I. All universities are schools.
II. Some universities are colleges.

Ans ✘ 1. Either conclusion I or II follows.

✘ 2. Only conclusion I follows.

✔ 3. Only conclusion II follows.

✘ 4. Both the conclusions follow.

Q.21 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans ✘ 1. LQJ

✔ 2. HLP

✘ 3. SXC

✘ 4. FKP

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

Ans ✗ 1. vic

✗ 2. lic

✗ 3. fig

✓ 4. jig

Question ID : **65497842470**	
Status : **Answered**	
Chosen Option : **4**	

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

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

Ans ✗ 1. 20

✓ 2. 24

✗ 3. 30

✗ 4. 18

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

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

QUICKER : TGMEKWS :: REPORTS : ?

Ans ✓ 1. UVTQRGT

✗ 2. VUTQRGS

✗ 3. USVQRGT

✗ 4. UVTRRHT

Question ID : **65497842972**	
Status : **Answered**	
Chosen Option : **1**	

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

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
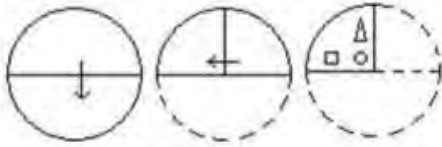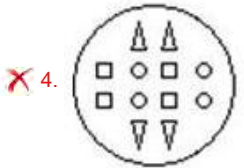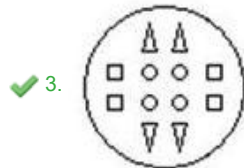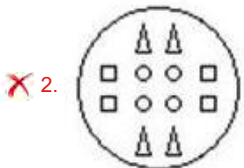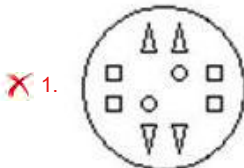
Question ID : **65497843194**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

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

✗ 2. Manaslu

✗ 3. Dhaulagiri

✔ 4. Kanchenjunga

Question ID : **65497842602**
Status : **Answered**
Chosen Option : **4**

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

Ans ✖ 1. Bhimsen Joshi

✔ 2. Zakir Hussain

✖ 3. Ravi Shankar

✖ 4. Hariprasad Chaurasia

Question ID : **65497843214**

Status : **Answered**

Chosen Option : **1**

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

Ans ✖ 1. 5.9

✔ 2. 6.7

✖ 3. 5.2

✖ 4. 7.1

Question ID : **65497844109**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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

Ans ✖ 1. A definite and characteristic enthalpy of fusion

✖ 2. Melting at a sharp and characteristic temperature

✖ 3. A definite characteristic geometrical shape

✔ 4. Gradual softening over a range of temperatures

Question ID : **65497842495**

Status : **Not Answered**

Chosen Option : **--**

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

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

Ans ✖ 1. Only 1

✖ 2. Only 3

✔ 3. Both 1 and 2

✖ 4. Both 2 and 3

Question ID : **65497843203**

Status : **Answered**

Chosen Option : **3**

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

Ans ✗ 1. 6(2)

✗ 2. 10(1)

✗ 3. 12(2)

✓ 4. 8(1)

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

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

Ans ✓ 1. 2012

✗ 2. 2006

✗ 3. 2010

✗ 4. 2008

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

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

Ans ✗ 1. Madhya Pradesh

✗ 2. Rajasthan

✓ 3. Maharashtra

✗ 4. Gujarat

Question ID : **65497842489**
Status : **Answered**
Chosen Option : **1**

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

Ans ✗ 1. X

✓ 2. IX-A

✗ 3. IX

✗ 4. VIII

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

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

Ans ✔ 1. Ghadar Party

✘ 2. Indian Independence League

✘ 3. Indian Home Rule Society

✘ 4. Swaraj Party

Question ID : **65497842605**

Status : **Answered**

Chosen Option : **1**

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

Ans ✘ 1. Madhya Pradesh

✔ 2. Goa

✘ 3. Kerala

✘ 4. Himachal Pradesh

Question ID : **65497842591**

Status : **Not Answered**

Chosen Option : **--**

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

Ans ✔ 1. West Bengal

✘ 2. Assam

✘ 3. Bihar

✘ 4. Sikkim

Question ID : **65497842997**

Status : **Not Answered**

Chosen Option : **--**

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

Ans ✘ 1. Carrot

✘ 2. Garlic

✘ 3. Radish

✔ 4. Chilli

Question ID : **65497843004**

Status : **Answered**

Chosen Option : **1**

Q.14 What is the atomic number of nitrogen?

Ans ✘ 1. 6

✘ 2. 8

✔ 3. 7

✘ 4. 5

Question ID : **65497844114**

Status : **Answered**

Chosen Option : **3**

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

Ans ✗ 1. Damodar

✗ 2. Sone

✗ 3. Mahanadi

✓ 4. Subarnarekha

Question ID : **65497844116**
Status : **Answered**
Chosen Option : **3**

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

Ans ✗ 1. Manoj Das

✓ 2. Sharankumar Limbale

✗ 3. Pratibha Ray

✗ 4. Manishankar Mukherjee

Question ID : **65497843013**
Status : **Answered**
Chosen Option : **2**

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

Ans ✗ 1. Gurkhas

✓ 2. Mughals

✗ 3. British

✗ 4. Marathas

Question ID : **65497842503**
Status : **Answered**
Chosen Option : **2**

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

Ans ✗ 1. Giani Zail Singh

✗ 2. APJ Abdul Kalam

✓ 3. Pranab Mukherjee

✗ 4. KR Narayanan

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

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

Ans ✓ 1. Viktor Axelsen

✗ 2. Kento Momota

✗ 3. Anders Antonsen

✗ 4. Chou Tien-chen

Question ID : **65497843018**
Status : **Answered**
Chosen Option : **1**

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

Ans ✗ 1. 1907

✔ 2. 1918

✗ 3. 1934

✗ 4. 1942

Question ID : **65497843212**

Status : **Not Answered**

Chosen Option : **--**

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

Ans ✗ 1. Oceanic deeps

✔ 2. Continental shelf

✗ 3. ontinental slope

✗ 4. Deep sea plain

Question ID : **65497842502**

Status : **Answered**

Chosen Option : **2**

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

Ans ✗ 1. Vipin Kasana

✗ 2. Devendra Jhajharia

✗ 3. Shivpal Singh

✔ 4. Neeraj Chopra

Question ID : **65497842613**

Status : **Answered**

Chosen Option : **4**

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

Ans ✗ 1. Axis Bank Ltd

✗ 2. HDFC Bank Ltd

✔ 3. BNP Paribas

✗ 4. ICICI Bank Ltd

Question ID : **65497843198**

Status : **Answered**

Chosen Option : **2**

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

Ans ✔ 1. 5th May

✖ 2. 18th August

✖ 3. 21st July

✖ 4. 14th June

Question ID : **65497842595**

Status : **Not Answered**

Chosen Option : --

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

Ans ✖ 1. Scurvy

✔ 2. Cholera

✖ 3. Rickets

✖ 4. Anaemia

Question ID : **65497843002**

Status : **Answered**

Chosen Option : **2**

Section : **Quantitative Aptitude**

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

Ans ✔ 1. 9.6

✖ 2. 7.2

✖ 3. 6.4

✖ 4. 12.8

Question ID : **65497843237**

Status : **Answered**

Chosen Option : **1**

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

Ans ✖ 1. 127°

✖ 2. 132°

✖ 3. 143°

✔ 4. 147°

Question ID : **65497844147**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

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

Ans

✖ 1. $\frac{20}{3}$

✔ 2. $\frac{13}{3}$

✖ 3. $\frac{11}{3}$

✖ 4. $\frac{10}{3}$

Question ID : **65497842528**
Status : **Answered**
Chosen Option : **2**

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

Ans ✖ 1. 14

✖ 2. 35

✔ 3. 24

✖ 4. 39

Question ID : **65497842620**
Status : **Answered**
Chosen Option : **3**

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

Ans ✖ 1. 1,250

✖ 2. 2,500

✔ 3. 1,300

✖ 4. 1,500

Question ID : **65497844136**
Status : **Answered**
Chosen Option : **1**

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

Ans ✖ 1. 5

✖ 2. −3

✖ 3. −4

✔ 4. 1

Question ID : **65497844142**
Status : **Answered**
Chosen Option : **4**

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

$$\frac{x^6 - x^4 + x^2 - 1}{x^3}?$$

Ans ✗ 1. 145

✗ 2. 140

✗ 3. 130

✔ 4. 135

Question ID : **65497843234**

Status : **Answered**

Chosen Option : **1**

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

Ans ✔ 1. 5

✗ 2. 10

✗ 3. 8

✗ 4. 3

Question ID : **65497842630**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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

Ans ✗ 1. 55%

✔ 2. 46%

✗ 3. 20%

✗ 4. 18.3%

Question ID : **65497843427**

Status : **Answered**

Chosen Option : **2**

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

Ans ✔ 1. 3.6

✗ 2. 36

✗ 3. 3600

✗ 4. 360

Question ID : **65497843020**

Status : **Answered**

Chosen Option : **1**

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

Ans
- ✗ 1. 60
- ✗ 2. 90
- ✗ 3. 108
- ✓ 4. 30

Question ID : **65497843231**

Status : **Answered**

Chosen Option : **4**

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

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

Question ID : **65497842522**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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

Ans
- ✗ 1. $10\sqrt{3}$
- ✗ 2. $20\sqrt{3}$
- ✗ 3. 20
- ✓ 4. 10

Question ID : **65497843039**

Status : **Answered**

Chosen Option : **2**

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

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

Question ID : **65497843228**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.15 Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.
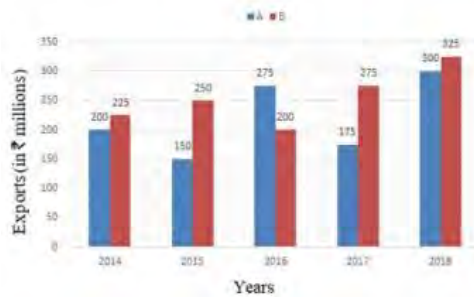
The total exports of cars of type B from 2015 to 2018 is what percentage more than the total exports of cars of type A from 2015 to 2018 (correct to one decimal place)?

Ans   ✗ 1. 17.2%

     ✗ 2. 15.5%

     ✗ 3. 14.9%

     ✓ 4. 16.7%

Question ID : 65497842535
Status : **Answered**
Chosen Option : **4**

Q.16 Two similar jugs have their heights of 8 cm and 12 cm, respectively. If the capacity of the smaller jug is 80 cm^3, what is the capacity of the bigger jug (in cm^3)?

Ans   ✗ 1. 120

     ✗ 2. 192

     ✗ 3. 216

     ✓ 4. 270

Question ID : 65497843333
Status : **Answered**
Chosen Option : **1**

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

Ans   ✗ 1. 18

     ✗ 2. 21

     ✗ 3. 24

     ✓ 4. 20

Question ID : 65497843325
Status : **Answered**
Chosen Option : **4**

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

Ans

✗ 1. $\dfrac{5}{\sqrt{6}}$

✗ 2. $\dfrac{\sqrt{6}}{12}$

✗ 3. $\dfrac{7}{\sqrt{6}}$

✔ 4. $\sqrt{6}$

Question ID : **65497844149**
Status : **Answered**
Chosen Option : **4**

Q.19 The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020.

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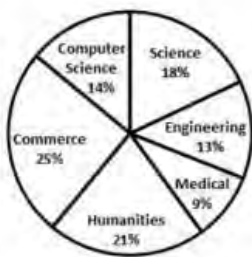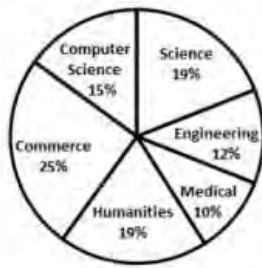
Academic Year 2019   **Academic Year 2020**

Ans

✗ 1. $18 : 19$

✗ 2. $20 : 21$

✔ 3. $15 : 19$

✗ 4. $14 : 15$

Question ID : **65497843446**
Status : **Answered**
Chosen Option : **2**

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

Ans

✗ 1. $\dfrac{x + \sqrt{y^2 - x^2}}{y}$

✗ 2. $\dfrac{x + \sqrt{y^2 - x^2}}{x}$

✔ 3. $\dfrac{y + \sqrt{y^2 - x^2}}{x}$

✗ 4. $\dfrac{y + \sqrt{y^2 - x^2}}{y}$

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

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

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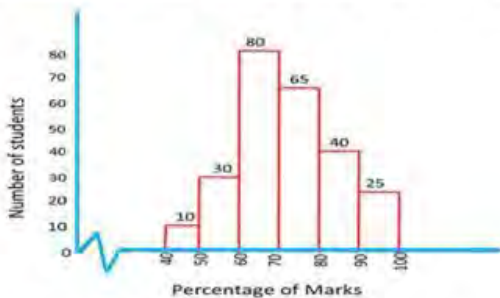
The number of students who have obtained less than 50% marks is approximately what percentage less than the number of students who have obtained 90% marks and above?

Ans ✗ 1. 75%

✔ 2. 60%

✗ 3. 80%

✗ 4. 40%

Q.22 The given pie charts show the number of start-ups in various industries since 2010 and the number of successful start-ups in those industries.

Study the charts and answer the question that follows.

Start-ups in various industries started since 2010

Number of Start-ups

Entertainment 900, Agriculture 1150, Education 1280, Health & Sports 1050, Infrastructure 1500, Transport 1100, Communication 1020
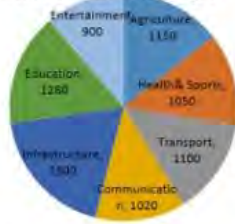
Successful start-ups in various industries

Entertainment, 450; Agriculture, 400; Health & Sports, 300; Education, 520; Infrastructure, 1200; Transport, 750; Communication, 680
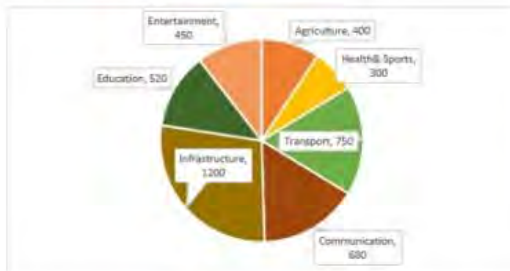
What should be the increase in the number (to the nearest integer) of successful start-ups in the industry of Health & Sports, so that its success percentage is the same as that of Education?

Ans
- ✗ 1. 220
- ✗ 2. 155
- ✗ 3. 187
- ✓ 4. 127

Q.23 If 8A5146B is divisible by 88, then what is the value of A^B ?

Ans
- ✗ 1. 27
- ✗ 2. 64
- ✓ 3. 81
- ✗ 4. 12

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

Ans

✗ 1. $12\frac{5}{7}$

✔ 2. $11\frac{5}{7}$

✗ 3. $10\frac{5}{7}$

✗ 4. $9\frac{5}{7}$

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

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

Ans

✗ 1. $\dfrac{40}{7}$

✔ 2. $\dfrac{5}{56}$

✗ 3. $\dfrac{7}{40}$

✗ 4. $\dfrac{51}{56}$

Section : **English Comprehension**

Q.1 The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

This park is / the largest bird sanctuary / in the State.

Ans ✗ 1. the largest bird sanctuary

✗ 2. This park is

✔ 3. No error

✗ 4. in the State

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

Monotonous

Ans   ✔ 1. Boring

     ✘ 2. Compulsory

     ✘ 3. Eventful

     ✘ 4. Momentous

Question ID : **65497843263**

Status : **Answered**

Chosen Option : **1**

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

To hold water

Ans   ✔ 1. To be valid and reasonable

     ✘ 2. To be unsteady and unsure

     ✘ 3. To be large and deep

     ✘ 4. To be sad and depressed

Question ID : **65497842560**

Status : **Answered**

Chosen Option : **4**

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

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

Ans   ✔ 1. where had he

     ✘ 2. learnt to dance

     ✘ 3. I asked my friend

     ✘ 4. so well

Question ID : **65497842542**

Status : **Answered**

Chosen Option : **2**

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

The Chief Minister inaugurated the new hospital.

Ans   ✔ 1. I will be assigning a new project to my manager.

     ✘ 2. My manager is assigning me a new project.

     ✘ 3. My manager has assigned me a new project.

     ✘ 4. I am being assigned a new project by my manager.

Question ID : **65497843251**

Status : **Not Answered**

Chosen Option : **--**

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

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

Ans ✗ 1. Creche

✗ 2. Antique

✗ 3. Menu

✓ 4. Cuisine

Question ID : **65497843268**

Status : **Answered**

Chosen Option : **4**

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

Play with fire

Ans ✗ 1. To be courageous

✗ 2. To spread knowledge

✓ 3. To do something dangerous

✗ 4. To fight an opponent

Question ID : **65497842660**

Status : **Answered**

Chosen Option : **3**

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

Abandon

Ans ✗ 1. Possess

✗ 2. Retain

✗ 3. Rescue

✓ 4. Quit

Question ID : **65497843060**

Status : **Answered**

Chosen Option : **4**

Q.9 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

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

Ans ✗ 1. attended school

✗ 2. for four days now

✓ 3. Shamim have not

✗ 4. No error

Question ID : **65497844357**

Status : **Answered**

Chosen Option : **3**

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The dress **may pleasantly** be delivered to us at the earliest.

Ans   ✗ 1. No substitution required

   ✓ 2. may kindly

   ✗ 3. might kindly

   ✗ 4. must pleasantly

Question ID : **65497843058**
Status : **Answered**
Chosen Option : **2**

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

Unable to express feelings clearly

Ans   ✓ 1. Inarticulate

   ✗ 2. Affluent

   ✗ 3. Eloquent

   ✗ 4. Verbose

Question ID : **65497844178**
Status : **Answered**
Chosen Option : **1**

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

Constrict

Ans   ✗ 1. Smite

   ✗ 2. Choke

   ✓ 3. Stretch

   ✗ 4. Cramp

Question ID : **65497842658**
Status : **Answered**
Chosen Option : **3**

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

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

Ans   ✓ 1. Since being set up

   ✗ 2. From setting up

   ✗ 3. Since setting

   ✗ 4. No improvement required

Question ID : **65497842653**
Status : **Answered**
Chosen Option : **1**

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

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

Ans ✗ 1. DCBA

✗ 2. CBDA

✗ 3. BCDA

✓ 4. BADC

Question ID : **65497843059**

Status : **Answered**

Chosen Option : **4**

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

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

Ans ✗ 1. such a silly mistake

✗ 2. for making

✓ 3. on myself

✗ 4. I was angry

Question ID : **65497843248**

Status : **Answered**

Chosen Option : **3**

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

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

Ans ✓ 1. Whether

✗ 2. Unless

✗ 3. If

✗ 4. Until

Question ID : **65497844180**

Status : **Answered**

Chosen Option : **3**

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

Can you carry my bag upstairs?

Ans ✗ 1. Was my bag carried upstairs by you?

✗ 2. Could your bag be carried upstairs by me?

✓ 3. Can my bag be carried upstairs by you?

✗ 4. Can your bag be carried upstairs by me?

Question ID : **65497843048**

Status : **Answered**

Chosen Option : **3**

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

Taut

Ans   ✗ 1. Tight

     ✗ 2. Solid

     ✗ 3. Strong

     ✓ 4. Slack

Question ID : **65497842558**

Status : **Answered**

Chosen Option : **4**

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

She asked me what my favourite cuisine was.

Ans   ✓ 1. She said to me, "What is your favourite cuisine?"

     ✗ 2. She said to me, "What my favourite cuisine is?"

     ✗ 3. She said to me, "What is my favourite cuisine?"

     ✗ 4. She said to me, "What your favourite cuisine was?"

Question ID : **65497842551**

Status : **Answered**

Chosen Option : **1**

Q.20 Select the INCORRECTLY spelt word.

Ans   ✓ 1. Disturbence

     ✗ 2. Genius

     ✗ 3. Opportunity

     ✗ 4. Conscious

Question ID : **65497843270**

Status : **Answered**

Chosen Option : **1**

Comprehension:

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

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

SubQuestion No : 21

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

Ans   ✗ 1. generated

     ✗ 2. absorbed

     ✗ 3. created

     ✓ 4. emitted

Question ID : **65497844162**

Status : **Answered**

Chosen Option : **4**

Comprehension:

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

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

SubQuestion No : 22

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

Ans ✔ 1. an imbalance

✘ 2. a difference

✘ 3. an inequality

✘ 4. a balance

Question ID : **65497844163**

Status : **Answered**

Chosen Option : **1**

Comprehension:

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

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

SubQuestion No : 23

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

Ans ✘ 1. survival

✘ 2. distinction

✘ 3. appearance

✔ 4. extinction

Question ID : **65497844164**

Status : **Answered**

Chosen Option : **4**

Comprehension:

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

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

SubQuestion No : 24

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

Ans   ✔ 1. eradicate

       ✘ 2. sustain

       ✘ 3. radiate

       ✘ 4. introduce

Question ID : **65497844165**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

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

SubQuestion No : 25

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

Ans   ✘ 1. ruin

       ✔ 2. preserve

       ✘ 3. destroy

       ✘ 4. neglect

Question ID : **65497844166**
Status : **Not Answered**
Chosen Option : **--**