Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	19/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Variance
2. Violence
3. Vanquish
4. Vampire
5. Valiant
6. Victorious

Ans
✗ 1. 4, 5, 3, 1, 2, 6
✗ 2. 5, 3, 4, 1, 6, 2
✓ 3. 5, 4, 3, 1, 6, 2
✗ 4. 4, 3, 5, 2, 1, 6

Question ID : **264330129466**
Status : **Answered**
Chosen Option : **3**

Q.2 **Which two signs should be interchanged to make the given equation correct?**
756 ÷ 252 + 89 × 180 – 63 = 384

Ans
✓ 1. + and ×
✗ 2. ÷ and –
✗ 3. – and +
✗ 4. ÷ and +

Question ID : **264330132504**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
AESO_WDAE_ _MWDA_SOM_D_ESOMW_

Ans
✗ 1. MOSEDAW
✗ 2. MSOEDAW
✗ 3. MOESWAD
✓ 4. MSOEWAD

Question ID : **264330131037**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the correct mirror image of the given figure, when the mirror is placed at MN as shown below.

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **26433090151**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**
7 : 21 :: 14 : 42 :: 18 : ?

Ans
✗ 1. 57
✓ 2. 54
✗ 3. 63
✗ 4. 72

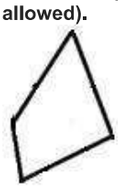
Question ID : **26433080413**
Status : **Answered**
Chosen Option : **2**

Q.6 **'Wilt' is related to 'Droop' in the same way as 'Thrive' is related to '_____'.**

Ans
✗ 1. Decline
✗ 2. Careful
✗ 3. Deteriorate
✓ 4. Flourish

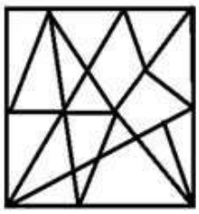
Question ID : **264330102303**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the option figure in which the given figure is embedded (rotation is NOT allowed).**

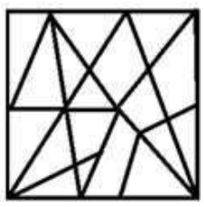


Ans

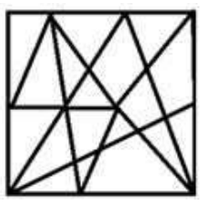
✗ 1.



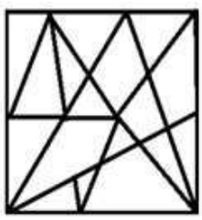
✗ 2.



✓ 3.

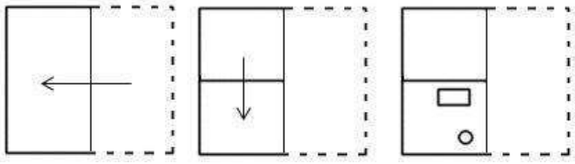


✗ 4.



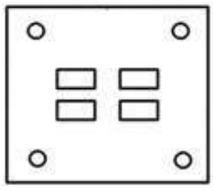
Question ID : **26433067428**
Status : **Answered**
Chosen Option : **3**

Q.8 A paper is folded and cut as shown below. How will it appear when unfolded?

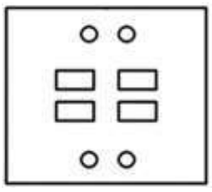


Ans

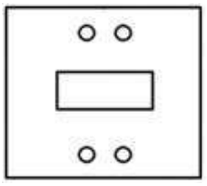
✗ 1.



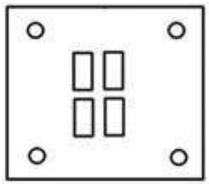
✓ 2.



✗ 3.



✗ 4.



Question ID : **264330101174**
Status : **Answered**
Chosen Option : **2**

Q.9 **Which of the following terms will replace the question mark (?) in the given series?**
BCE, GHJ, LMO, QRT, ?

Ans

✓ 1. VWY

✗ 2. VWX

✗ 3. WXZ

✗ 4. UVX

Question ID : **26433086949**
Status : **Answered**
Chosen Option : **1**

Q.10 In a certain code language,
'time has come' is coded as 'et im ak';
'come with money' is coded as 'nd ak co' and
'money has power' is coded as 'fu et nd'.
(All the codes are two-letter codes only.)
How will 'with power' be coded in that language?

Ans
✗ 1. et mp
✗ 2. td fu
✓ 3. fu co
✗ 4. co mp

Question ID : **264330131609**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Cotton : Cloth :: Sugarcane : ?

Ans
✗ 1. Salt
✗ 2. Coffee
✓ 3. Sugar
✗ 4. Chocolate

Question ID : **26433087277**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(15, 21, 10)
(25, 36, 17)

Ans
✗ 1. (100, 45, 87)
✓ 2. (100, 33, 31)
✗ 3. (123, 23, 56)
✗ 4. (50, 45, 31)

Question ID : **26433089583**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the set in which the numbers are related in the same way as are the numbers of the given set.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(13, 64, 5)
(10, 1, 9)

Ans
✗ 1. (15, 144, 9)
✗ 2. (16, 256, 9)
✗ 3. (15, 306, 9)
✓ 4. (16, 49, 9)

Question ID : **26433082879**
Status : **Answered**
Chosen Option : **4**

Q.14 **In a certain code language, 'DESIGN' is coded as 8-10-38-18-14-28 and 'FOREST' is coded as 12-30-36-10-38-40. How will 'PLAYER' be coded in the same language?**

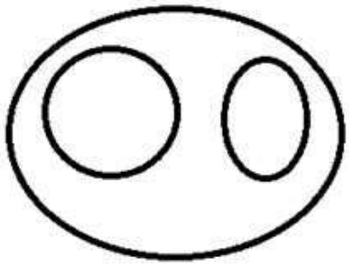
Ans
✓ 1. 32-24-2-50-10-36
✗ 2. 32-26-2-50-12-38
✗ 3. 36-24-2-50-10-34
✗ 4. 32-22-2-50-12-36

Question ID : **264330129764**
Status : **Answered**
Chosen Option : **1**

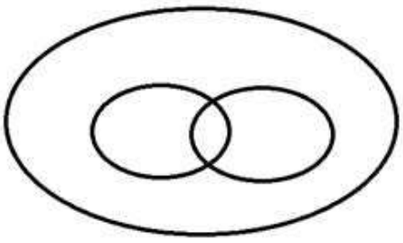
Q.15 **Select the Venn diagram that best illustrates the relationship between the following classes.**
Fathers, Brothers and Males

Ans

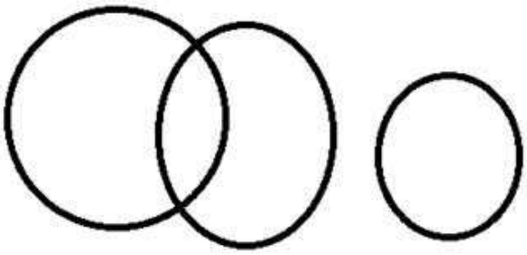
✗ 1.



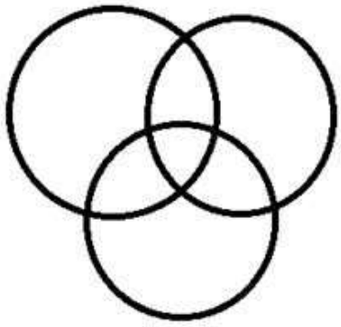
✓ 2.



✗ 3.

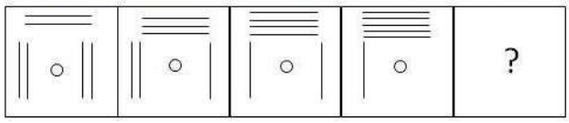


✗ 4.



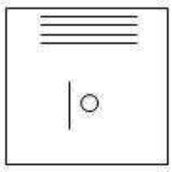
Question ID : **264330133238**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the figure that will come in place of the question mark (?) in the following figure series.

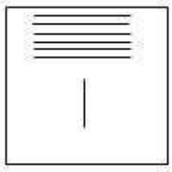


Ans

✗ 1.

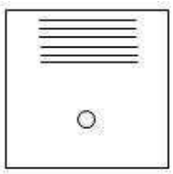


✗ 2.



✗ 3.

✓ 4.



Question ID : **26433056955**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.**
36 * 12 * 6 * 12 * 3 = 63

Ans

✓ 1. × ÷ − +

✗ 2. ÷ − + ×

✗ 3. ÷ + − ×

✗ 4. + ÷ × −

Question ID : **264330122475**
Status : **Answered**
Chosen Option : **1**

Q.18 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

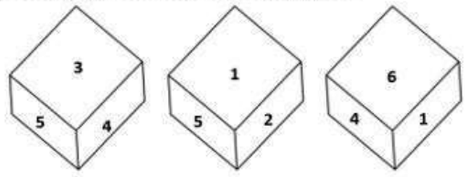
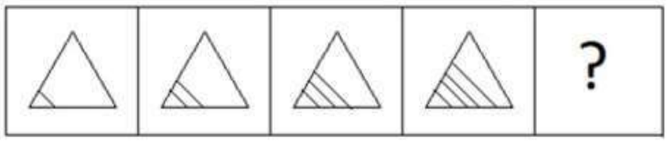


Figure 1 Figure 2 Figure 3

Ans
✗ 1. 4
✓ 2. 1
✗ 3. 5
✗ 4. 2

Question ID : **264330102503**
Status : **Answered**
Chosen Option : **2**

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



Ans
✗ 1.

✗ 2.

✗ 3.

✓ 4.

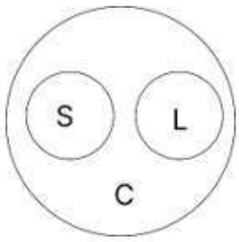
Question ID : **26433087141**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the Venn diagram that best illustrates the relationship between the following classes.**
Clothes, Shirts, Linen

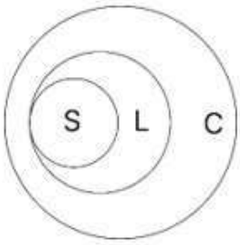
Clothes = C
Shirts = S
Linen = L

Ans

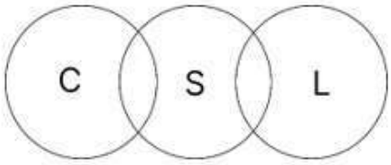
✗ 1.



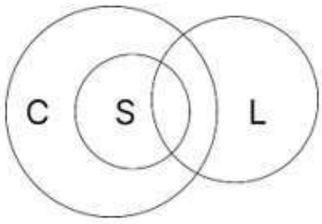
✗ 2.



✗ 3.



✓ 4.



Question ID : **264330131665**
Status : **Answered**
Chosen Option : **2**

Q.21 **A % B means 'A is the daughter of B'**
A = B means 'A is the sister of B'
A $ B means 'A is the father of B'
If X % Y = Z % W $ V, then how is Z related to V?

Ans

✗ 1. Mother

✗ 2. Mother's mother

✓ 3. Sister

✗ 4. Brother

Question ID : **264330120833**
Status : **Answered**
Chosen Option : **3**

Q.22 **Which of the following numbers will replace the question mark (?) in the given series?**
3, 12, ?, 39, 57, 78

Ans
✗ 1. 19
✗ 2. 22
✗ 3. 20
✓ 4. 24

Question ID : **26433090934**
Status : **Answered**
Chosen Option : **4**

Q.23 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(47, 108, 169)
(22, 83, 144)

Ans
✗ 1. (11, 73, 133)
✓ 2. (51, 112, 173)
✗ 3. (33, 121, 181)
✗ 4. (8, 64, 130)

Question ID : **264330130341**
Status : **Answered**
Chosen Option : **2**

Q.24 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.**

Ans
✗ 1. 23 : 153
✗ 2. 15 : 97
✓ 3. 16 : 106
✗ 4. 26 : 174

Question ID : **26433066051**
Status : **Answered**
Chosen Option : **3**

Q.25 **Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.**

Ans
✗ 1. HJNU
✓ 2. TXBG
✗ 3. ACGN
✗ 4. PRVC

Question ID : **264330143764**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **The National Multidimensional Poverty Index 2021 (MPI) was released by which of the following?**

Ans

✗ 1. World Bank

✗ 2. Ministry of Finance

✓ 3. NITI Aayog

✗ 4. Ministry of Social Justice and Empowerment

Question ID : **26433072903**
Status : **Answered**
Chosen Option : **3**

Q.2 **In which year did E Gorter and F Grendel make a breakthrough by examining the surface area of lipids and concluded that the lipid surface surrounding cells must be of two layers?**

Ans

✗ 1. 1910

✓ 2. 1925

✗ 3. 1945

✗ 4. 1962

Question ID : **264330110081**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Who among the following advocated the ideology of "oru jati, oru matam, oru daivam manushyanu" (one caste, one religion, one god for humankind)?**

Ans

✗ 1. Birsa Munda

✓ 2. Narayana Guru

✗ 3. Swami Shradhanand

✗ 4. Keshub Chunder Sen

Question ID : **264330111415**
Status : **Answered**
Chosen Option : **2**

Q.4 **In November 2022, the Union Cabinet, chaired by the Prime Minister Narendra Modi, approved the naming of Greenfield Airport at Hollongi, Itanagar as:**

Ans

✗ 1. Lokpriya Gopinath Bordoloi International Airport

✗ 2. East Siang Airport

✗ 3. Changlang Airport

✓ 4. Donyi Polo Airport

Question ID : **264330132600**
Status : **Answered**
Chosen Option : **1**

Q.5 **According to the 2011 Census of India, which state has the highest population in India?**

Ans
✗ 1. Bihar
✗ 2. West Bengal
✓ 3. Uttar Pradesh
✗ 4. Maharashtra

Question ID : **26433092855**
Status : **Answered**
Chosen Option : **3**

Q.6 **According to a written reply to the Lok Sabha by Government of India, as on 20 July 2022, approximately _____ unorganised sector workers are registered on the e-Shram portal.**

Ans
✗ 1. 27 crores
✗ 2. 26 crores
✓ 3. 28 crores
✗ 4. 25 crores

Question ID : **264330137287**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Moplahs, or Muslim peasants, created a powerful anti-zamindar movement in:**

Ans
✗ 1. Tamil Nadu
✗ 2. Bengal
✓ 3. Kerala
✗ 4. Uttar Pradesh

Question ID : **264330132769**
Status : **Answered**
Chosen Option : **1**

Q.8 Match the animals in column A with the phylum they belong to in column B

Column-A	Column-B
i. Jelly fish	a. Mollusca
ii. Cray fish	b. Mammal
iii. Whale fish	c. Insect
iv. Devil fish	d. Coelenterate

Ans
✗ 1. i - a, ii - c, iii - b, iv - d
✗ 2. i - d, ii - a, iii - b, iv - c
✗ 3. i - a, ii - b, iii - c, iv - d
✓ 4. i - d, ii - c, iii - b, iv - a

Question ID : **26433064112**
Status : **Answered**
Chosen Option : **1**

Q.9 **Which part of the Constitution of India incorporates the Directive Principles of State Policy?**

Ans
✔ 1. Part IV
✘ 2. Part V
✘ 3. Part VI
✘ 4. Part III

Question ID : **264330110796**
Status : **Answered**
Chosen Option : **1**

Q.10 **Imadshahi family was known for the foundation of which state?**

Ans
✔ 1. Berar
✘ 2. Bidar
✘ 3. Ahmednagar
✘ 4. Golkonda

Question ID : **264330109019**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **The activity of making a human pyramid and putting efforts to break an earthen pot filled with buttermilk is associated with which festival?**

Ans
✘ 1. Holi
✔ 2. Janmashtami
✘ 3. Dushara
✘ 4. Mahashivaratri

Question ID : **264330111141**
Status : **Answered**
Chosen Option : **2**

Q.12 **Who among the following was the author of 'Indica', an account of India under the reign of the Maurya dynasty?**

Ans
✘ 1. Strabo
✘ 2. Pliny
✘ 3. Diodorus Siculus
✔ 4. Megasthenes

Question ID : **264330113559**
Status : **Answered**
Chosen Option : **4**

Q.13 **Which is the first integrated steel plant in the public sector in India?**

Ans
1. The Visvesvaraya Iron and Steel Limited
2. Rourkela Steel Plant
3. The Salem Steel Plant
4. Indian Iron and Steel Company

Question ID : **264330110641**
Status : **Answered**
Chosen Option : **2**

Q.14 **Kamalini and Nalini Asthana were conferred the Padma Shri in 2022 for which of the following?**

Ans
1. For teaching and propagating Kathak globally
2. For taking Indian cuisine to the world
3. For disaster relief work in Gujarat
4. For specialising in the study of Indian society

Question ID : **26433055410**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Net Investment plus Depreciation gives an estimate of which of the following?**

Ans
1. Gross Domestic Product
2. Personal income
3. Gross investment
4. Private investment

Question ID : **26433059256**
Status : **Answered**
Chosen Option : **1**

Q.16 **Who among the following Indian classical tabla players was called 'Abbaji'? He collaborated with American jazz drummer Buddy Rich to create a music album in 1968.**

Ans
1. Taufiq Qureshi
2. Zakir Hussain
3. Fazal Qureshi
4. Alla Rakha

Question ID : **26433074816**
Status : **Answered**
Chosen Option : **2**

Q.17 The first phase of the 'action plan for introduction of the Cheetah in India' witnessed _____ being released in the Kuno National Park of Madhya Pradesh in September 2022.

Ans
1. 10 cheetahs
2. 6 cheetahs
3. 8 cheetahs
4. 12 cheetahs

Question ID : **264330113292**
Status : **Answered**
Chosen Option : **2**

Q.18 The famous physicist Victor Franz Hess is known for the discovery of:

Ans
1. cosmic radiation
2. quantum statistics
3. expanding universe
4. theory of super conductivity

Question ID : **264330110045**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Identify the water harvesting system in Western Himalayas.

Ans
1. Khadins
2. Johads
3. None of these
4. Guls

Question ID : **26433097112**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which of the following states has won the 2022 Santosh Trophy?

Ans
1. Tamil Nadu
2. West Bengal
3. Goa
4. Kerala

Question ID : **264330110322**
Status : **Answered**
Chosen Option : **4**

Q.21 Which of the following statements are correct regarding composition of the State Legislative Council?

A. The maximum strength of the Council is fixed at one-third of the total strength of the Assembly.
B. The minimum strength of the Council is fixed at 40.
C. A total of $\frac{5}{6}$ of the total number of members of a Legislative Council are indirectly elected and $\frac{1}{6}$ members are nominated.
D. The nominations (nominated members) made by the Governor can be challenged in the court.

Ans
✗ 1. B, C and D only
✓ 2. A, B and C only
✗ 3. A, B, C and D
✗ 4. A, B and D only

Question ID : **264330114796**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **In which of the following Sessions of the IOC Executive Board Meeting was Brisbane voted to host the 2032 Olympics and Paralympics?**

Ans
✗ 1. 139th Session held in Beijing
✓ 2. 138th Session held in Tokyo
✗ 3. 137th Session held in Lausanne
✗ 4. 140th Session held in India

Question ID : **26433059373**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **When did Henry Cavendish report the measurement of the gravitational constant with the mass and density of the Earth?**

Ans
✗ 1. March 1795
✓ 2. June 1798
✗ 3. April 1796
✗ 4. May 1797

Question ID : **264330144058**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Which of the following have been characteristics of Green Revolution?**
A. Spurt in crop productivity.
B. Shift away from commercial farming to subsistence farming.
C. Rise in acreage.

Ans
✗ 1. All – A, B and C
✗ 2. Only B and C
✓ 3. Only A and C
✗ 4. Only A and B

Question ID : **264330109111**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Which of the following awards was received by Pandit Birju Maharaj in 1986?**

Ans
✗ 1. Padma Shri
✗ 2. Sangeet Natak Akademi
✓ 3. Padma Vibhushan
✗ 4. Padma Bhushan

Question ID : **26433094864**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 **An 11-digit number 7823326867X is divisible by 18. What is the value of X?**

Ans
✗ 1. 6
✗ 2. 4
✗ 3. 8
✓ 4. 2

Question ID : **264330129384**
Status : **Answered**
Chosen Option : **4**

Q.2 **(N+18) persons, each working for 7.5 hours a day, can complete 48% of a work in 20 days. (N+12) persons can complete the remaining work in 30 days, if each of them works for 6.5 hours per day. Determine the value of N.**

Ans
✓ 1. 18
✗ 2. 16
✗ 3. 20
✗ 4. 22

Question ID : **264330114531**
Status : **Answered**
Chosen Option : **1**

Q.3 If Mohit can complete $\frac{2}{3}^{rd}$ of a work in 24 days, then in how many days can $\frac{1}{9}^{th}$ of the work be completed by him?

Ans
✗ 1. 8
✓ 2. 4
✗ 3. 6
✗ 4. 5

Question ID : **264330133282**
Status : **Answered**
Chosen Option : **2**

Q.4 If $(x+\frac{1}{x}) = 2\sqrt{2}$, and $x > 1$, what is the value of $(x^6 - \frac{1}{x^6})$?

Ans
✓ 1. $140\sqrt{2}$
✗ 2. $116\sqrt{2}$
✗ 3. $144\sqrt{2}$
✗ 4. $128\sqrt{2}$

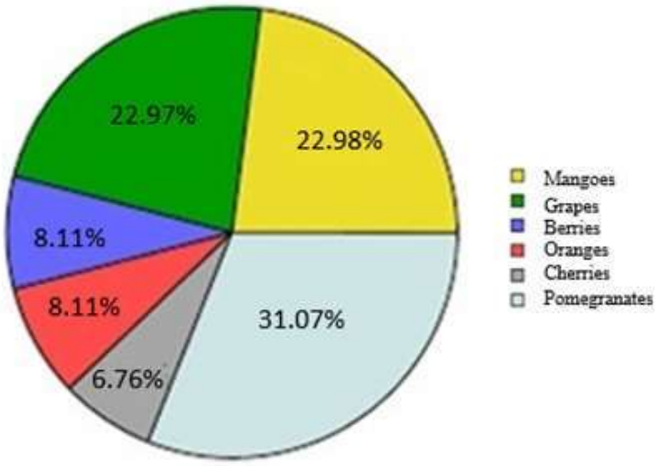
Question ID : **264330101363**
Status : **Answered**
Chosen Option : **1**

Q.5 If $\frac{\sin x - \cos x}{\sin x + \cos x} = \frac{2}{5}$, then the value of $\frac{1+\cot^2 x}{1-\cot^2 x}$ is:

Ans
✗ 1. 2.25
✓ 2. 1.45
✗ 3. 3.75
✗ 4. 5.25

Question ID : **26433083078**
Status : **Answered**
Chosen Option : **2**

Q.6 **Study the given pie-chart and answer the question that follows.**
The pie-chart displays the percentage of fruits sold (in kg) by a fruit seller in one month.



If the total fruits sold by a fruit seller in one month was 50,000 kg, find the approximate difference of the quantity (in kg) of pomegranates and that of berries.

Ans
✔ 1. 11,480
✘ 2. 13,535
✘ 3. 21,408
✘ 4. 12,465

Question ID : **264330133020**
Status : **Answered**
Chosen Option : **1**

Q.7 Simplify the given expression.

$$\frac{432 \times 432 + 247 \times 247 - 432 \times 247}{432 \times 432 \times 432 + 247 \times 247 \times 247}$$

Ans
✘ 1. $\frac{1}{259}$
✘ 2. $\frac{1}{185}$
✔ 3. $\frac{1}{679}$
✘ 4. $\frac{1}{450}$

Question ID : **264330126541**
Status : **Answered**
Chosen Option : **3**

Q.8 **Simplify the following.**

$$\frac{3a+b}{2}-\frac{a-3b}{3}+2b$$

Ans

✗ 1. $\frac{5(a+3b)}{6}$

✗ 2. $\frac{7a+3b}{6}$

✓ 3. $\frac{7(a+3b)}{6}$

✗ 4. $\frac{a+3b}{6}$

Question ID : **264330145531**
Status : **Answered**
Chosen Option : **3**

Q.9 **भाग एक एक प्रश्न हल करते समय, सुहास ने गलती से भाज्य के रूप में एक संख्या ले ली जो मूल भाज्य से 10% कम थी। उसने गलती से भाजक के रूप में एक संख्या भी ले ली जो मूल भाजक से 20% कम थी। यदि भाग के मूल प्रश्न का सही भागफल 24 था और शेषफल 0 था, तो यह मानते हुए कि उसकी गणना में कोई त्रुटि नहीं है, सुहास ने कितना भागफल प्राप्त किया?**

Ans

✓ 1. 27

✗ 2. 21.6

✗ 3. 26.4

✗ 4. 30

Question ID : **264330103244**
Status : **Answered**
Chosen Option : **4**

Q.10 **On day one, with speed v, R covers a distance x, in t time. On the next day, he covers a distance 2.5x in 0.75t time. What is his speed the next day?**

Ans

✗ 1. $3.5v$

✓ 2. $\frac{10}{3}v$

✗ 3. $4.5v$

✗ 4. $\frac{5}{3}v$

Question ID : **264330126142**
Status : **Answered**
Chosen Option : **2**

Q.11 **In a 1170 m race, Raman reaches the final point in 65 seconds and Mohan reaches the final point in 90 seconds. By how much distance does Raman beat Mohan?**

Ans
✔ 1. 325 m
✘ 2. 300 m
✘ 3. 375 m
✘ 4. 350 m

Question ID : **264330143482**
Status : **Answered**
Chosen Option : **1**

Q.12 **It takes A and B, 3 and 6 hours, respectively, to complete a certain work. If they work on the alternate hour. How long will it take them to accomplish the task?**

Ans
✘ 1. 3 hours
✔ 2. 4 hours
✘ 3. 2 hours
✘ 4. 4.5 hours

Question ID : **264330106102**
Status : **Answered**
Chosen Option : **2**

Q.13 Two chords of a circle, $\overline{AB}$ and $\overline{CD}$, meet outside the circle at the point P. If $m(\overline{AP}) = 200$ mm, $m(\overline{AB}) = 120$ mm, and $m(\overline{CP}) = 160$ mm, what is the length of $\overline{CD}$?

Ans
✘ 1. 100 mm
✘ 2. 75 mm
✔ 3. 60 mm
✘ 4. 150 mm

Question ID : **264330143521**
Status : **Answered**
Chosen Option : **3**

Q.14 **Two circles of same radius 6 cm, intersect each other at P and Q. If PQ = 10cm, then what is the distance between the centres of the two circles?**

Ans
✘ 1. 10 cm
✘ 2. 8 cm
✘ 3. $6\sqrt{11}$ cm
✔ 4. $2\sqrt{11}$ cm

Question ID : **26433075368**
Status : **Answered**
Chosen Option : **4**

Q.15 Find the value of $(\sin\theta + \cos\theta)^2 + (\sin\theta - \cos\theta)^2$.

Ans
✗ 1. 4
✗ 2. 0
✓ 3. 2
✗ 4. 1

Question ID : **264330130396**
Status : **Answered**
Chosen Option : **3**

Q.16 **A grocer claims that he is selling sugar at ₹48/kg, which costs him ₹50/kg, but he is giving 900 g instead of 1000 g. What will be the approximate percentage profit?**

Ans
✗ 1. 7.5%
✗ 2. 5.5%
✗ 3. 8.5%
✓ 4. 6.7%

Question ID : **26433082612**
Status : **Answered**
Chosen Option : **4**

Q.17 **Which of the following numbers is divisible by 36 ?**

Ans
✗ 1. 8840
✗ 2. 1542
✗ 3. 96272
✓ 4. 55512

Question ID : **264330145551**
Status : **Answered**
Chosen Option : **4**

Q.18 **Find the length of the arc of the sector of a circle of diameter 7 cm with a central angle of 108°. [Use π = 22/7]**

Ans
✓ 1. 6.6 cm
✗ 2. 5.6 cm
✗ 3. 13.2 cm
✗ 4. 11.2 cm

Question ID : **264330143607**
Status : **Answered**
Chosen Option : **1**

Q.19 How much simple interest will ₹6,000 earn in 21 months at 8% per annum?

Ans
1. ₹750
2. ₹880
3. ₹620
4. ₹840

Question ID : **264330111471**
Status : **Answered**
Chosen Option : **4**

Q.20 A varies directly as (B + 18) and A = 108 when B = 36. Find the value of A when B = 68.

Ans
1. 75
2. 86
3. 127
4. 172

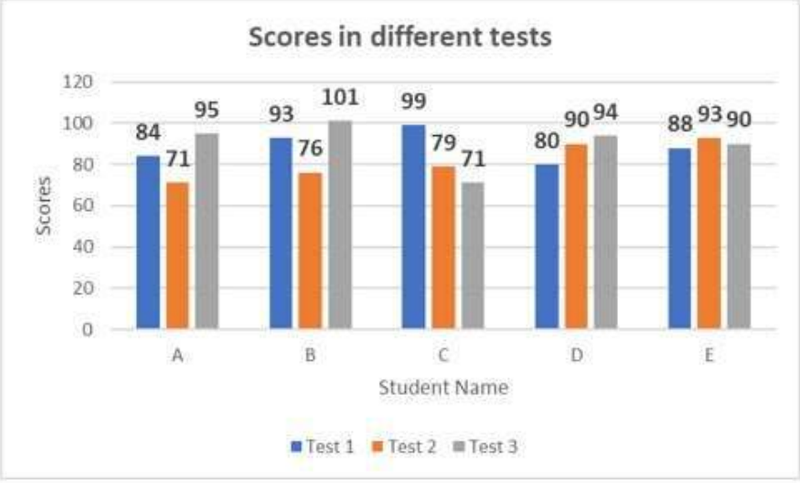
Question ID : **264330102355**
Status : **Answered**
Chosen Option : **4**

Q.21 A conical tent has a radius of 7 m and a vertical height of 24 m. How many full bags of rice can be emptied in it if the space occupied by the rice in each bag is 2 m^3?

Ans
1. 566
2. 616
3. 716
4. 650

Question ID : **26433082944**
Status : **Answered**
Chosen Option : **2**

Q.22 **The following figure shows the scores of students in three tests organised by a coaching institution. Who scored the best on average?**



Ans
✗ 1. D
✗ 2. C
✓ 3. E
✗ 4. B

Question ID : **264330130028**
Status : **Answered**
Chosen Option : **3**

Q.23 **A man drives his car for 24 km at a speed of 48 km/h, and for the next 1.5 hours he drives at a speed of 80 km/h. Find his average speed (in km/h) for the entire journey.**

Ans
✗ 1. 64
✓ 2. 72
✗ 3. 68
✗ 4. 75

Question ID : **264330103515**
Status : **Answered**
Chosen Option : **2**

Q.24 If $\left(\frac{\cos A}{1-\sin A}\right)+\left(\frac{\cos A}{1+\sin A}\right)=4$, then what will be the value of A? $(0^0 < \theta < 90^0)$

Ans
✗ 1. 90°
✗ 2. 45°
✓ 3. 60°
✗ 4. 30°

Question ID : **264330106678**
Status : **Answered**
Chosen Option : **3**

Q.25 **A dealer purchased a washing machine for ₹9,000. He allows a discount of 10% on its marked price and still gains 10%. Find the marked price of the machine.**

Ans
✔ 1. ₹11,000
✘ 2. ₹12,000
✘ 3. ₹13,000
✘ 4. ₹10,000

Question ID : **264330103718**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

Q.1 **Select the grammatically correct sentence.**

Ans
✘ 1. The rider who met with a accident was not wearing a helmet, the police said.
✘ 2. The rider who met with an accident was not wearing an helmet, the police said.
✘ 3. A rider who met with the accident was not wearing the helmet, an police said.
✔ 4. The rider who met with the accident was not wearing a helmet, the police said.

Question ID : **26433089304**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate meaning of the given idiom.**

Gift of the gab

Ans
✔ 1. Fluency of speech
✘ 2. Freedom of speech
✘ 3. First speech
✘ 4. Figures of speech

Question ID : **26433099135**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the correct homonym to fill in the blank in the given sentence.**

I will just _____ some figures for comparison.

Ans
✘ 1. cete
✔ 2. cite
✘ 3. site
✘ 4. sight

Question ID : **26433096212**
Status : **Answered**
Chosen Option : **2**

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

"Do you want to join us for lunch?" / "I'm sorry / my physics class will start at 1 p.m. / and doesn't finish till 3 p.m."

Ans
- ✔ 1. my physics class will start at 1 p.m.
- ✘ 2. I'm sorry
- ✘ 3. and doesn't finish till 3 p.m.
- ✘ 4. Do you want to join us for lunch?

Question ID : **26433088103**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the most appropriate synonym of the given word.**

Tedious

Ans
- ✔ 1. Tiresome
- ✘ 2. Wholesome
- ✘ 3. Repetitive
- ✘ 4. Threescore

Question ID : **26433091814**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the most appropriate ANTONYM of the underlined word in the given sentence.**

He just needs to calm down a wee bit.

Ans
- ✘ 1. understand
- ✔ 2. agitate
- ✘ 3. question
- ✘ 4. dissipate

Question ID : **264330117118**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate synonym of the underlined word.**

The benevolent gesture of the rich merchant was appreciated by all.

Ans
- ✔ 1. Generous
- ✘ 2. Sombre
- ✘ 3. Numb
- ✘ 4. Sober

Question ID : **26433091819**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the most appropriate synonym of the word given in brackets to fill in the blank.**
He is very _____ (Eager) to join the Air Force.

Ans
1. irksome
2. keen
3. dubious
4. unconcerned

Question ID : **264330100320**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the option that expresses the given sentence in passive voice.**
The company is launching a new product next month.

Ans
1. The new product will be launched by the company next month.
2. A new product is being launched by the company next month.
3. The launching of a new product by the company is next month.
4. Next month, the company will launch a new product.

Question ID : **264330137476**
Status : **Answered**
Chosen Option : **2**

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

Get into a scrape

Ans
1. Creating a problem
2. Solving a problem
3. Explaining a problem
4. Involved in a problem

Question ID : **26433088904**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the option that can be used as a one-word substitute for the given group of words.**
Person who betrays his own country.

Ans
1. Mascot
2. Traitor
3. Icon
4. Paragon

Question ID : **26433084677**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the INCORRECTLY spelt word.**

Ans
✔ 1. Devide
✘ 2. Provide
✘ 3. Subside
✘ 4. Confide

Question ID : **264330117218**
Status : **Answered**
Chosen Option : **1**

Q.13 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A.But at the same time, this is also true that when one reads a few works of the same genre, one naturally comes to know a rough structure of that genre.
B.The essence of suspense is whether the reader will be able to gauge the criminal before the detective tells who he is.
C.This leads to a different kind of approach to understanding literature in general and detective fiction in particular.
D.It is found that when one knows a genre and its structure and rules, it may often not make us enjoy a piece of literary work in the same manner as one usually does.

Ans
✔ 1. DACB
✘ 2. BDCA
✘ 3. CBAD
✘ 4. ADCB

Question ID : **26433096939**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

In today's digital age, information is widely available to everyone by many means of media such as television, newspapers, films, and social media.

Ans
✘ 1. with quite enough of mechanisms
✘ 2. through any strategies
✔ 3. via various forms
✘ 4. among many techniques

Question ID : **26433098908**
Status : **Answered**
Chosen Option : **3**

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

Ans
✘ 1. Bonafide
✘ 2. Cultural
✔ 3. Solusion
✘ 4. Trustworthy

Question ID : **264330120775**
Status : **Answered**
Chosen Option : **3**

Q.16 **Describe how you will tell your friends that someone has picked Suman's pocket in passive voice.**

Ans
1. Someone has being picked Suman's pocket.
2. Suman's pocket had picked.
3. Suman's pocket been picked.
4. Suman's pocket has been picked.

Question ID : **264330122771**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the most appropriate option to fill in the blank.**
'Habitual' may be replaced by '_____'.

Ans
1. Stagnant
2. Continual
3. Temperate
4. Holistic

Question ID : **264330132707**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the most appropriate option to fill in the blank.**

The match schedule was disturbed due to _____ rains.

Ans
1. detestable
2. incessant
3. venerable
4. soothing

Question ID : **26433073401**
Status : **Answered**
Chosen Option : **2**

Q.19 **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.It could possibly lead to serious injuries, hence a mate for N' Pongo became inevitable.
B.Within the span of one year, N' Pongo grew double the size and the need to obtain a mate for him arose, for it becomes unsafe for the humans around.
C.Every afternoon he was brought out onto the lawn to show off his skills in front of his admirers.
D.Owing to his attractive appearance and disposition, good manners and a well-developed sense of humor, N' Pongo soon became the darling of the zoo.

Ans
1. DCBA
2. DABC
3. CDAB
4. BDAC

Question ID : **26433096943**
Status : **Answered**
Chosen Option : **1**

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

Ans
✗ 1. Biology
✗ 2. Anthology
✓ 3. Anthropology
✗ 4. Psychology

Question ID : **26433086315**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
This book (1)_____ writing practice to pre-schoolers to help them learn to write (2)_____ of the English alphabet. Directional arrows, (3)_____ with the letters and numbers, guide children in writing. (4)_____ and copying activities encourage children to read and write letters and numbers (5)_____ to count.

SubQuestion No : 21

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

Ans
✓ 1. provides
✗ 2. provide
✗ 3. is providing
✗ 4. had provided

Question ID : **264330135882**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
This book (1)_____ writing practice to pre-schoolers to help them learn to write (2)_____ of the English alphabet. Directional arrows, (3)_____ with the letters and numbers, guide children in writing. (4)_____ and copying activities encourage children to read and write letters and numbers (5)_____ to count.

SubQuestion No : 22

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

Ans
✗ 1. letter
✓ 2. letters
✗ 3. phrases
✗ 4. words

Question ID : **264330135883**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
This book (1)_____ writing practice to pre-schoolers to help them learn to write (2)_____ of the English alphabet. Directional arrows, (3)_____ with the letters and numbers, guide children in writing. (4)_____ and copying activities encourage children to read and write letters and numbers (5)_____ to count.

SubQuestion No : 23

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

Ans
✔ 1. given
✘ 2. giving
✘ 3. give
✘ 4. gave

Question ID : **264330135884**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
This book (1)_____ writing practice to pre-schoolers to help them learn to write (2)_____ of the English alphabet. Directional arrows, (3)_____ with the letters and numbers, guide children in writing. (4)_____ and copying activities encourage children to read and write letters and numbers (5)_____ to count.

SubQuestion No : 24

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

Ans
✘ 1. Traced
✘ 2. Being traced
✔ 3. Tracing
✘ 4. Trace

Question ID : **264330135885**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
This book (1)_____ writing practice to pre-schoolers to help them learn to write (2)_____ of the English alphabet. Directional arrows, (3)_____ with the letters and numbers, guide children in writing. (4)_____ and copying activities encourage children to read and write letters and numbers (5)_____ to count.

SubQuestion No : 25

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

Ans
✔ 1. as well as
✘ 2. but
✘ 3. for
✘ 4. yet

Question ID : **264330135886**
Status : **Answered**
Chosen Option : **1**