Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 **Looking at a picture of a woman Vineeta said, "She is the wife of my father's brother's father." How is the woman in the picture related to Vineeta?**

Ans
✗ 1. Father's sister
✗ 2. Mother-in-law
✗ 3. Mother
✓ 4. Father's mother

Question ID : **26433092749**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**
MGX:VPG :: TZC:CIL :: HPX:?

Ans
✗ 1. PXF
✗ 2. QZG
✗ 3. RZG
✓ 4. QYG

Question ID : **264330104095**
Status : **Answered**
Chosen Option : **4**

Q.3 **Which option represents the correct order of the given words as they would appear in an English dictionary?**
1.Greed
2.Green
3.Grown
4.Grip
5.Granite

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

Question ID : **26433097251**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
6 : 646 :: 5 : ? :: 4 : 190

Ans

✔ 1. 373

✘ 2. 377

✘ 3. 337

✘ 4. 376

Question ID : **26433078948**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the number from among the given options that can replace the question mark (?) in the following series.**
80, 73, 64, 53, 40, ?

Ans

✘ 1. 19

✔ 2. 25

✘ 3. 33

✘ 4. 23

Question ID : **26433057781**
Status : **Answered**
Chosen Option : **2**

Q.6 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)

$\left[\left(\frac{7}{9}\right),\left(\frac{31}{39}\right)\right],\left[\left(\frac{2}{5}\right),\left(\frac{15}{23}\right)\right]$

Ans

✔ 1. $\left[\left(\frac{11}{13}\right),\left(\frac{47}{55}\right)\right]$

✘ 2. $\left[\left(\frac{9}{13}\right),\left(\frac{37}{55}\right)\right]$

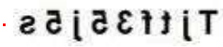
✘ 3. $\left[\left(\frac{9}{11}\right),\left(\frac{32}{37}\right)\right]$

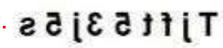
✘ 4. $\left[\left(\frac{17}{19}\right),\left(\frac{36}{77}\right)\right]$

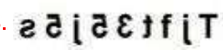
Question ID : **264330144432**
Status : **Answered**
Chosen Option : **1**

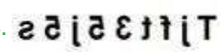
Q.7 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433091471**
Status : **Answered**
Chosen Option : **4**

Q.8 **Each vowel in the word "ETHICAL" is changed to the following letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. In the newly formed word, how many alphabets are there in the English alphabetical series between the alphabet which is 3rd from the left and 1st from the right?**

Ans

✗ 1. Four

✓ 2. Three

✗ 3. Two

✗ 4. Five

Question ID : **264330132072**
Status : **Answered**
Chosen Option : **2**

Q.9 **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 number 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.)
(312, 24, 13)
(645, 43, 15)

Ans

✗ 1. (347,27,12)

✗ 2. (347,22,17)

✗ 3. (374,17,12)

✓ 4. (374,22,17)

Question ID : **264330114666**
Status : **Answered**
Chosen Option : **4**

Q.10 **'P @ Q' means 'P is the brother of Q'**
'P & Q' means 'P is the father of Q'
'P # Q' means 'P is the daughter of Q'

If 'A # B @ C & D # E', then how is B related to E?

Ans
✗ 1. Brother's daughter
✗ 2. Brother's wife
✓ 3. Husband's brother
✗ 4. Brother

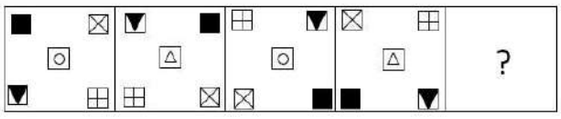
Question ID : **26433056796**
Status : **Answered**
Chosen Option : **3**

Q.11 **In a certain code language, 'PLAY' is coded as RICV and 'TREE' is coded as VOGB. How will 'BOOK' be coded in the same language?**

Ans
✗ 1. HLQD
✗ 2. DQQH
✓ 3. DLQH
✗ 4. DLLH

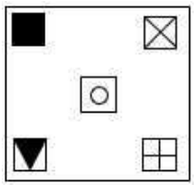
Question ID : **264330129759**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the figure from among the given options that can replace the question mark (?) in the following series.

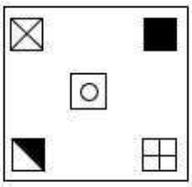


Ans

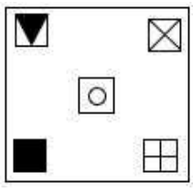
✔ 1.



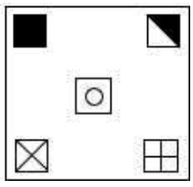
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433085384**
Status : **Answered**
Chosen Option : **1**

Q.13 **The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair.**
(NOTE: The relation should be found without breaking down the numbers into its constituent digits)

Ans

✔ 1. 225 : 169

✘ 2. 361 : 400

✘ 3. 529 : 576

✘ 4. 441 : 484

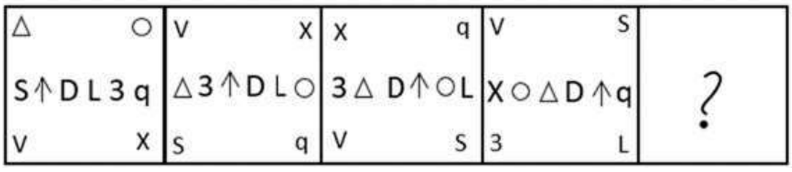
Question ID : **264330143670**
Status : **Answered**
Chosen Option : **1**

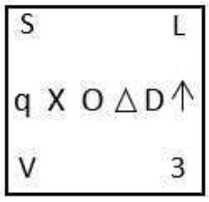
Q.14 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
5 * 23 * 24 * 4 * 10 * 111

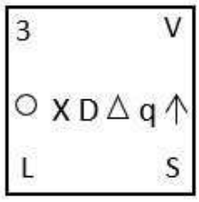
Ans
✗ 1. ÷, +, −, ×, =
✗ 2. −, ×, +, ÷, =
✓ 3. ×, +, ÷, −, =
✗ 4. +, −, ÷, ×, =

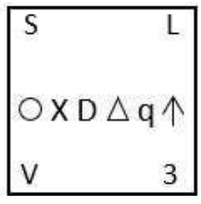
Question ID : **264330123256**
Status : **Answered**
Chosen Option : **3**

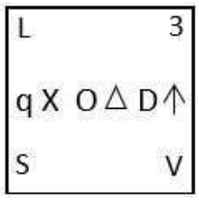
Q.15 Select the figure that will replace the question mark (?) in the following figure series.



Ans
✗ 1.


✗ 2.


✓ 3.


✗ 4.


Question ID : **264330143842**
Status : **Answered**
Chosen Option : **3**

Q.16 **Which of the following terms will replace the question mark (?) in the given series?**
MGB, NIE, OKH, PMK, ?

Ans
✔ 1. QON
✘ 2. PQJ
✘ 3. OQN
✘ 4. OPK

Question ID : **26433070364**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.**
32 * 42 * 7 * 7 * 17 = 202

Ans
✔ 1. × ÷ − +
✘ 2. × − + ÷
✘ 3. + ÷ × −
✘ 4. + × ÷ −

Question ID : **264330122469**
Status : **Answered**
Chosen Option : **1**

Q.18 **Which of the following numbers will replace the question mark (?) in the given series?**
82, 79, 71, ?, 60, 57, 49

Ans
✘ 1. 61
✘ 2. 63
✔ 3. 68
✘ 4. 62

Question ID : **264330103126**
Status : **Answered**
Chosen Option : **3**

Q.19 **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.)
Hands : Mittens :: Feet : ?

Ans
✘ 1. Shrug
✘ 2. Scarf
✔ 3. Socks
✘ 4. Jacket

Question ID : **26433087273**
Status : **Answered**
Chosen Option : **3**

Q.20 **Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

Statements:
All computers are laptops.
All laptops are mobiles.
Some mobiles are tablets.

Conclusions:
I. Some mobiles are computers.
II. All computers are mobiles.
III. Some computers are tablets.

Ans
✗ 1. Only conclusions II and III follow.
✓ 2. Only conclusions I and II follow.
✗ 3. Only conclusions I and III follow.
✗ 4. All conclusions follow.

Question ID : **26433070402**
Status : **Answered**
Chosen Option : **2**

Q.21 **Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '5'.**

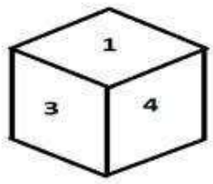


figure 1

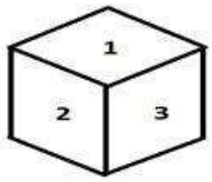


figure 2

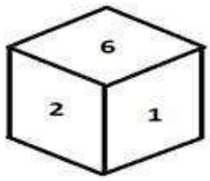


figure 3

Ans
✗ 1. 4
✗ 2. 2
✓ 3. 1
✗ 4. 6

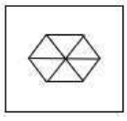
Question ID : **26433096027**
Status : **Answered**
Chosen Option : **3**

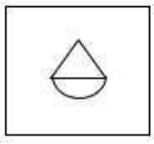
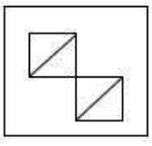
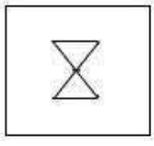
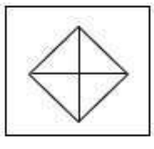
Q.22 **Which option represents the correct order of the given words as they would appear in an English dictionary?**
1.Highway
2.History
3.Hired
4.Hierarchy
5.Hibiscus

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

Question ID : **26433097253**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the option figure which is embedded in the given figure (rotation is NOT allowed).



Ans
✗ 1. 
✗ 2. 
✓ 3. 
✗ 4. 

Question ID : **26433090082**
Status : **Answered**
Chosen Option : **3**

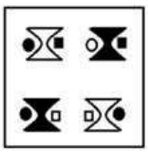
Q.24 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
PRKY_LDP_ _YOLD_RKYO_DPRK_ _LD

Ans
✗ 1. ORKLPOD
✗ 2. ORPKYLP
✗ 3. ORPLKYO
✓ 4. ORKPLYO

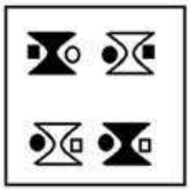
Question ID : **264330131040**
Status : **Answered**
Chosen Option : **4**

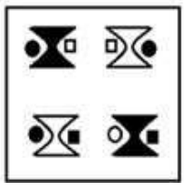
Q.25 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

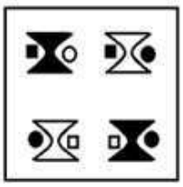
Problem figure:

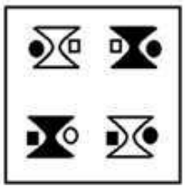


Ans

✗ 1.


✗ 2.


✓ 3.


✗ 4.


Question ID : **26433067417**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 **Consider the following statements about unemployment in India:**
a) Seasonal unemployment is mainly found in urban areas.
b) Educated unemployed people are mainly found in rural areas of India.
c) Higher cropping intensity is desirable for reducing unemployment in the rural economy.
Which of the given statements is/are correct?

Ans
✔ 1. Only c
✘ 2. Only b and c
✘ 3. Only a and b
✘ 4. Only a

Question ID : **264330109519**
Status : **Answered**
Chosen Option : **3**

Q.2 **The folk dance of Kummi is performed by the women of which Indian state?**

Ans
✘ 1. Rajasthan
✘ 2. Madhya Pradesh
✔ 3. Tamil Nadu
✘ 4. Jharkhand

Question ID : **264330109596**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Fundamental duties were not placed in Part III of the Indian Constitution because Part III is _____.**

Ans
✘ 1. non-justiciable
✔ 2. justiciable
✘ 3. not enforceable
✘ 4. absolute

Question ID : **264330110124**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which of the following is NOT a function of money?**

Ans
✘ 1. Medium of exchange
✔ 2. Problem in storage
✘ 3. Measure of value
✘ 4. Standard of deferred payments

Question ID : **26433054573**
Status : **Answered**
Chosen Option : **2**

Q.5 _____ is a naturally occurring organic compound with the formula $(C_6H_5)_2CO$.

Ans
✗ 1. Methcathinone
✗ 2. Propiophenone
✗ 3. Acetophenone
✓ 4. Benzophenone

Question ID : **264330110050**
Status : **Answered**
Chosen Option : **4**

Q.6 What is the priority zone of the AMRUT (Atal Mission for Rejuvenation and Urban Transformation) mission, which was launched by the Government of India in 2015?

Ans
✓ 1. Water supply followed by sewerage
✗ 2. Electricity and power generation
✗ 3. Primary education for all
✗ 4. Health care of urban dwellers

Question ID : **264330110637**
Status : **Answered**
Chosen Option : **1**

Q.7 Who was the founder of Harijan Sevak Sangh founded in 1932?

Ans
✗ 1. Jawaharlal Nehru
✓ 2. Mahatma Gandhi
✗ 3. Jyotiba Phule
✗ 4. BR Ambedkar

Question ID : **264330109819**
Status : **Answered**
Chosen Option : **2**

Q.8 Sohan Singh Bhakna and Har Dayal were primarily associated with which of the following organisations?

Ans
✓ 1. Ghadar Party
✗ 2. Kisan Sabha
✗ 3. Anushilan Samiti
✗ 4. Yugantar

Question ID : **264330141518**
Status : **Answered**
Chosen Option : **1**

Q.9 During the reign of which of the following rulers did Hiuen Tsang, a Chinese traveller, come to India?

Ans
1. Chandragupta II
2. Samudragupta
3. Ashoka
4. Harshavardhana

Question ID : **264330113561**
Status : **Answered**
Chosen Option : **4**

Q.10 What was India's rank in Paralympic 2020?

Ans
1. 21
2. 25
3. 24
4. 19

Question ID : **264330109677**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Shahid Parvez Khan, Budhaditya Mukherjee and Anoushka Shankar are associated with which of the following musical instruments?

Ans
1. Been
2. Santoor
3. Sitar
4. Sarod

Question ID : **264330130498**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who was awarded the Mother Teresa Memorial Award for Social Justice 2021?

Ans
1. Sumaira Abdulali
2. Rajendra Singh
3. Jadav Payeng
4. Anil Prakash Joshi

Question ID : **26433081873**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **Identify the element one that does NOT belong to Group 1 of the Modern Periodic Table.**

Ans
1. Sodium
2. Lithium
3. Hydrogen
4. Rubidium

Question ID : **26433097107**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **One of the important institutes associated with green revolution is the Indian Agriculture Research Institute. Where is it located?**

Ans
1. Mumbai
2. Ludhiana
3. New Delhi
4. Patna

Question ID : **264330109399**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Which of the following Articles of the Indian Constitution provides for a bicameral Parliament of India?**

Ans
1. Article 49
2. Article 59
3. Article 79
4. Article 89

Question ID : **264330113436**
Status : **Answered**
Chosen Option : **3**

Q.16 **Satyaram Reang received the Padma Shri for promoting the Hojagiri dance form. He belongs to which of the following states?**

Ans
1. Sikkim
2. Manipur
3. Assam
4. Tripura

Question ID : **26433064793**
Status : **Answered**
Chosen Option : **4**

Q.17 **Which of the following pairs is INCORRECTLY matched?**

Ans
1. Wuchereria – Filaria worm
2. Ancylostoma – Pinworm
3. Taenia – Tapeworm
4. Ascaris – Roundworm

Question ID : **264330109914**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Which sodium compound is the most popular additive to various items such as sauces, salad dressings and beverages for its preservative action?**

Ans
1. Sodium bicarbonate
2. Sodium fluoride
3. Sodium hypochlorite
4. Sodium benzoate

Question ID : **264330113485**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Mawsynram in the southern ranges of the _____ receives the highest average rainfall in the world.**

Ans
1. Shivalik
2. Khasi hills
3. Aravali
4. Nilgiri

Question ID : **26433064770**
Status : **Answered**
Chosen Option : **2**

Q.20 **The Bailadila range of Chhattisgarh is famous for which of the following minerals?**

Ans
1. Copper
2. Bauxite
3. Iron ore
4. Coal

Question ID : **264330113285**
Status : **Answered**
Chosen Option : **4**

Q.21 On 28 June 2021, the Supreme Court held that persons with disabilities have a right to reservation in promotion under Article 16(4) of the Constitution of India, 1950, in the case of:

Ans
1. Indra Sawhney v. Union of India
2. Rajeev Kumar Gupta v. Rangachari
3. State of Kerala v. Leesamma Joseph
4. State of Kerala v. N.M. Thomas

Question ID : **26433072902**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In the Olympic flag, the total number of rings are _____.

Ans
1. 3
2. 5
3. 7
4. 4

Question ID : **264330110382**
Status : **Answered**
Chosen Option : **2**

Q.23 Who is the author of Tarikh-i-Firuz Shahi?

Ans
1. Ziauddin Barani
2. Amir Khusrow
3. Al-Biruni
4. Ibn Battuta

Question ID : **264330114830**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The Desh Ke Mentor Programme launched by the Delhi government in October 2021 is for the students of classes _____.

Ans
1. VI to XII
2. I to V
3. IX to XII
4. VI to VIII

Question ID : **26433090639**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **The Hemis Festival is widely celebrated in which state of India?**

Ans
✗ 1. Arunachala Pradesh
✗ 2. Lakshadweep
✗ 3. Assam
✓ 4. Ladakh

Question ID : **264330111136**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 If $a \cot \theta + b \operatorname{cosec} \theta = p$ and $b \cot \theta + a \operatorname{cosec} \theta = q$ then $p^2 - q^2$ is equal to ____.

Ans
✗ 1. $a^2 + b^2$
✗ 2. $a^2 - b^2$
✓ 3. $b^2 - a^2$
✗ 4. $b - a$

Question ID : **264330143570**
Status : **Answered**
Chosen Option : **3**

Q.2 **What is the value of the given expression?**

$(a + b + c)^2 - a^2 - b^2 - c^2$

Ans
✗ 1. 2abc
✓ 2. 2(ab + bc + ca)
✗ 3. 2(a + b + c)
✗ 4. 2ab + bc − 2ca

Question ID : **264330130053**
Status : **Answered**
Chosen Option : **2**

Q.3 Study the given table and answer the question that follows.

The table shows the classification of 100 students based on the marks obtained by them in Statistics and Mathematics in an examination out of 50.

Subject	40 and above	30 and above	20 and above	10 and above	0 and above
Mathematics	8	33	90	82	100
Statistics	5	22	60	87	100

If at least 60% marks in Mathematics are required for pursuing higher studies in Mathematics, then how many students will be eligible to pursue higher studies in Mathematics?

Ans
✔ 1. 33
✘ 2. 27
✘ 3. 90
✘ 4. 10

Question ID : **264330126626**
Status : **Answered**
Chosen Option : **1**

Q.4 **After allowing a discount of 15%, the value of a washing machine is ₹29,750. If no discount is allowed, then the shopkeeper gains 12%. The cost price of the washing machine is:**

Ans
✔ 1. ₹31,250
✘ 2. ₹31,500
✘ 3. ₹31,750
✘ 4. ₹32,000

Question ID : **264330104181**
Status : **Answered**
Chosen Option : **1**

Q.5 **Pratima and Diksha can complete a typing work separately in 10 hours and 15 hours, respectively. After typing for 4 hours alone, Pratima leaves the work. In how many hours will Diksha complete the remaining typing work?**

Ans
✘ 1. 8
✘ 2. 10
✔ 3. 9
✘ 4. 7

Question ID : **264330108988**
Status : **Answered**
Chosen Option : **3**

Q.6 **What is the volume of a cube if the perimeter of one face of the cube is 40 cm?**

Ans
✔ 1. 1000 cm^3
✘ 2. 820 cm^3
✘ 3. 600 cm^3
✘ 4. 800 cm^3

Question ID : **26433075281**
Status : **Answered**
Chosen Option : **1**

Q.7 The following table gives the information of the number of students (in thousands) placed in five different companies during six different years.

Year	Company				
	A	G	Y	T	F
2010	9.6	10.4	9.3	9.8	8.7
2011	10.4	12.6	7.2	13.8	6.2
2012	12.6	9.8	10.4	14.9	9.8
2013	16.8	15.4	11.4	16.3	11.3
2014	19.3	13.4	13.4	11.8	7.8
2015	18.7	16.7	12.7	15.7	13.7

What is the difference (in thousands) between the students placed in all companies in the year 2014 and 2012?

Ans
✘ 1. 9000
✘ 2. 7800
✔ 3. 8200
✘ 4. 7500

Question ID : **26433081612**
Status : **Answered**
Chosen Option : **3**

Q.8 **One quality of rice at ₹45 per kg is mixed with another quality at a certain rate in the ratio of 3:2. If the mixture so formed is worth ₹50 per kg, what is the rate per kg of the second quality of rice?**

Ans
✘ 1. ₹57
✔ 2. ₹57.5
✘ 3. ₹58
✘ 4. ₹58.5

Question ID : **264330104158**
Status : **Answered**
Chosen Option : **2**

Q.9 What is the radius of circle which circumscribes the triangle ABC whose sides are 16, 30, 34 units, respectively?

Ans
✗ 1. 16 units
✓ 2. 17 units
✗ 3. 28 units
✗ 4. 34 units

Question ID : **264330143581**
Status : **Answered**
Chosen Option : **2**

Q.10 How many of the following numbers are divisible by 132?
660, 754, 924, 1452, 1526, 1980, 2045 and 2170

Ans
✗ 1. 3
✗ 2. 6
✗ 3. 5
✓ 4. 4

Question ID : **264330131509**
Status : **Answered**
Chosen Option : **4**

Q.11 In a constituency, 90% of the total number of people on the electoral roll cast their votes during an election. 15% of the votes cast were declared invalid. Jeeta secured 60% of the valid votes. If Jeeta secured 91,800 valid votes, what was the total number of people on the electoral roll?

Ans
✗ 1. 2,16,000
✗ 2. 2,25,000
✗ 3. 1,80,000
✓ 4. 2,00,000

Question ID : **264330103251**
Status : **Answered**
Chosen Option : **4**

Q.12 12 men and 16 boys can do a piece of work in 5 days, while 13 men and 24 boys can do it in 4 days. In how many days can 29 men and 22 boys complete the work?

Ans
✓ 1. 2.5
✗ 2. 2.45
✗ 3. 2.6
✗ 4. 2.4

Question ID : **264330143470**
Status : **Answered**
Chosen Option : **1**

Q.13 **A bag contains ₹550 in the form of 50 p, 25 p and 20 p coins in the ratio 2 : 3 : 5. The difference between the amounts that are contributed by the 50 p and the 20 p coins is:**

Ans
✗ 1. ₹30
✗ 2. ₹20
✗ 3. ₹10
✓ 4. ₹0

Question ID : **264330103723**
Status : **Answered**
Chosen Option : **4**

Q.14 **The distance between the centres of two circles having radii 16 cm and 8 cm, is 26 cm. The length (in cm) of the direct common tangent of the two circles is:**

Ans
✗ 1. $2\sqrt{132}$
✗ 2. $\sqrt{153}$
✓ 3. $2\sqrt{153}$
✗ 4. $\sqrt{132}$

Question ID : **26433075018**
Status : **Answered**
Chosen Option : **3**

Q.15 **Find the area of the sector of a circle with radius 5 cm and angle 60° (rounded off to one decimal).**

Ans
✗ 1. 12.8 cm^2
✗ 2. 14.1 cm^2
✓ 3. 13.1 cm^2
✗ 4. 15.1 cm^2

Question ID : **264330122577**
Status : **Answered**
Chosen Option : **3**

Q.16 **Solve the following expression.**
(−25) × 8 + (−25) × 2

Ans
✗ 1. −210
✗ 2. 250
✓ 3. −250
✗ 4. 210

Question ID : **26433066348**
Status : **Answered**
Chosen Option : **3**

Q.17 **The product of 277 and 323 is:**

Ans
✔ 1. 89471
✘ 2. 88471
✘ 3. 91371
✘ 4. 89391

Question ID : **264330130050**
Status : **Answered**
Chosen Option : **1**

Q.18 If $\cos x = -\frac{1}{2}$, x lies in third quadrant, then $\tan x = ?$

Ans
✔ 1. $\sqrt{3}$
✘ 2. $\frac{\sqrt{3}}{2}$
✘ 3. $\frac{2}{\sqrt{3}}$
✘ 4. $\frac{1}{\sqrt{3}}$

Question ID : **26433076123**
Status : **Answered**
Chosen Option : **1**

Q.19 **A person took a loan at 5% per annum simple interest during the first year and with an increase of 0.5% simple interest every year from the second year onwards. After 4 years, he paid ₹4,600 as a total interest to settle the loan completely. How much was the loan?**

Ans
✔ 1. ₹20,000
✘ 2. ₹19,000
✘ 3. ₹18,000
✘ 4. ₹21,000

Question ID : **264330109343**
Status : **Answered**
Chosen Option : **1**

Q.20 **Using cos(A + B) = cosA cosB – sinA sinB, find the value of cos75°.**

Ans

✗ 1. $\frac{\sqrt{5}-1}{4}$

✗ 2. $\frac{\sqrt{5}+1}{4}$

✓ 3. $\frac{\sqrt{6}-\sqrt{2}}{4}$

✗ 4. $\frac{\sqrt{6}+\sqrt{2}}{4}$

Question ID : **264330143532**
Status : **Answered**
Chosen Option : **3**

Q.21 **A constable Ram is 225 m behind a thief Somesh. Ram runs 50 m and Somesh runs 30 m in a minute. At what time will the constable Ram catch the thief Somesh?**

Ans

✗ 1. 10 minutes 16 seconds

✗ 2. 15 minutes 11 seconds

✗ 3. 16 minutes 10 seconds

✓ 4. 11 minutes 15 seconds

Question ID : **264330130117**
Status : **Answered**
Chosen Option : **4**

Q.22 **A table was bought for ₹3,000 and sold for ₹3,200. Find the gain or loss in terms of money.**

Ans

✓ 1. Gain ₹200

✗ 2. Loss ₹200

✗ 3. Gain ₹100

✗ 4. Loss ₹150

Question ID : **26433082680**
Status : **Answered**
Chosen Option : **1**

Q.23 **Sarthak and Mohan have been assigned a work to design a room for a ceremony, Sarthak can design the entire room in 12 days, while Mohan can design the room in 15 days. In how many days will the work be completed if they work together? (Rounded off to 2 decimal places)**

Ans

✗ 1. 5.67

✓ 2. 6.67

✗ 3. 7.33

✗ 4. 6.00

Question ID : **264330112232**
Status : **Answered**
Chosen Option : **2**

Q.24 **A man is walking at a speed of 14 km/h. After every km, he takes rest for 7 minutes. How much time will he take to cover a distance of 7 km?**

Ans

✔ 1. $1\frac{1}{5}$ hours

✘ 2. $2\frac{1}{3}$ hours

✘ 3. $1\frac{1}{3}$ hours

✘ 4. $\frac{1}{5}$ hours

Question ID : **264330130957**
Status : **Answered**
Chosen Option : **1**

Q.25 If $x+\frac{1}{x}=-6$, what will be the value of $x^5+\frac{1}{x^5}$?

Ans

✘ 1. –7776

✔ 2. –6726

✘ 3. –6738

✘ 4. –6732

Question ID : **264330101376**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Select the most appropriate ANTONYM of the given word.**

Triumph

Ans

✔ 1. Defeat

✘ 2. Capture

✘ 3. Attainment

✘ 4. Succeed

Question ID : **264330122120**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the most appropriate ANTONYM of the underlined word.**

Ranen feels that the notion of democracy is a farce.

Ans
✗ 1. Quotient
✗ 2. Law
✓ 3. Reality
✗ 4. Portion

Question ID : **26433091827**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate ANTONYM of the given word.**

Wax

Ans
✗ 1. Polish
✗ 2. Cane
✗ 3. Wail
✓ 4. Wane

Question ID : **26433090567**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Connotation
✓ 2. Pattron
✗ 3. Dearth
✗ 4. Quarry

Question ID : **264330123026**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate ANTONYM of the underlined word.**
She was upset seeing the scattered documents.

Ans
✗ 1. Perished
✗ 2. Dissipated
✗ 3. Sprinkled
✓ 4. Gathered

Question ID : **26433084671**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the grammatically correct sentence.**

A. The Supriya is the best girl in the class.
B. Supriya is the best girl in the class.
C. Supriya is best girl in the class.
D. The Supriya is a best girl in the class.

Ans
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

Question ID : **26433073532**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the most appropriate option to fill in the blank.**
You are the _____ to the throne and should behave in such a manner.

Ans
✗ 1. hair
✗ 2. here
✗ 3. hare
✓ 4. heir

Question ID : **264330121278**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the option that expresses the given sentence in active voice.**
Pudding had already been prepared by her.

Ans
✗ 1. She has already prepared pudding.
✓ 2. She had already prepared pudding.
✗ 3. She have already prepared pudding.
✗ 4. She will prepare pudding.

Question ID : **264330141143**
Status : **Answered**
Chosen Option : **2**

Q.9 **Describe how you will tell your parents that Darshana was laughed at by all her classmates in active voice.**

Ans
✓ 1. All her classmates laughed at Darshana.
✗ 2. All her classmates laughing at Darshana.
✗ 3. Darshana is laughed at by all her classmates.
✗ 4. All her classmates will been laugh at Darshana.

Question ID : **264330122774**
Status : **Answered**
Chosen Option : **1**

Q.10 **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. "Well, you can't make me", she said, looking back at me.
B. She went on, "Well, you might try", I responded, and she laughed.
C. She came in and we said hello, then she just looked at me and said, "What do you want?" McKechnie remembered.
D. "Well, I want you to grin and seem pleased", I added.

Ans
1. ACBD
2. DCBA
3. BCDA
4. CDAB

Question ID : **264330117129**
Status : **Answered**
Chosen Option : **4**

Q.11 **Se**

Q.13 **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'.**
He was so curious <u>that he rose many questions</u> in the meeting.

Ans
✔ 1. that he raised many questions
✘ 2. that he rose much questions
✘ 3. that he aroused many questions
✘ 4. No substitution

Question ID : **26433093081**
Status : **Answered**
Chosen Option : **1**

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

Carolina opened a savings account to save <u>money for later</u>.

Ans
✘ 1. for a cold day
✔ 2. for a rainy day
✘ 3. for a sunny day
✘ 4. for a hot day

Question ID : **26433092926**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate one-word substitution of the given group of words.**

A similarity between like features of two things, on which a comparison may be based.

Ans
✔ 1. Analogy
✘ 2. Amalgamation
✘ 3. Apathy
✘ 4. Ambiguity

Question ID : **26433090860**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the most appropriate meaning of the underlined idiom.**

Do not <u>beat about the bush</u> when you have anything to say.

Ans
✘ 1. To try to influence
✘ 2. To shift blame on others
✘ 3. To argue
✔ 4. To avoid giving a definite answer or position

Question ID : **26433088843**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the INCORRECTLY spelt word.**

Ans
1. Astute
2. Absolute
3. Abrupt
4. Abendance

Question ID : **26433089391**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the option that can be used as a one-word substitute for the given group of words.**

The money paid to former wife, husband or partner when the marriage is ended.

Ans
1. Alimony
2. Compensation
3. Recompense
4. Maintenance

Question ID : **26433087902**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the option that can be used as a one-word substitute for the given group of words.**
A group of people travelling together in a van

Ans
1. Gypsies
2. Caravan
3. Brood
4. Constellation

Question ID : **26433086317**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Parts of the following sentence have been given as options. Select the option that contains an error.**

I think Jeremy will not / have save enough money / by the time / the year ends.

Ans
1. the year ends
2. have save enough money
3. by the time
4. I think Jeremy will not

Question ID : **26433088467**
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.
The (1) _____ of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) _____ to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) _____ by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) _____ populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) _____ opportunities.

SubQuestion No : 21

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

Ans

✗ 1. assortment

✗ 2. variability

✗ 3. multitude

✓ 4. diversity

Question ID : **264330139247**
Status : **Answered**
Chosen Option : **4**

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.
The (1) _____ of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) _____ to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) _____ by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) _____ populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) _____ opportunities.

SubQuestion No : 22

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

Ans

✗ 1. failures

✓ 2. strategies

✗ 3. shortcomings

✗ 4. weakness

Question ID : **264330139248**
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.
The (1) _____ of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) _____ to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) _____ by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) _____ populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) _____ opportunities.

SubQuestion No : 23

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

Ans

✗ 1. safeguarding

✗ 2. preservation

✓ 3. exploitation

✗ 4. migration

Question ID : **264330139249**
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.
The (1) _____ of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) _____ to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) _____ by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) _____ populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) _____ opportunities.

SubQuestion No : 24

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

Ans

✗ 1. neglecting

✓ 2. monitoring

✗ 3. overlooking

✗ 4. forgetting

Question ID : **264330139250**
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.
The (1) _____ of birds is one of the most fascinating aspects of the natural world. From the soaring flight of eagles to the colourful plumage of parrots, birds have evolved a wide range of (2) _____ to survive and thrive in their environments. One of the most remarkable adaptations is the ability of some birds to migrate over vast distances, often crossing oceans and continents to reach their breeding or wintering grounds. However, many species of birds are facing threats to their survival, such as habitat loss, climate change and (3) _____ by humans. In response, conservation efforts have been put in place to protect these birds and their habitats. This might involve creating protected areas, restoring degraded habitats or reducing the use of pesticides and other harmful chemicals. Another important aspect of bird conservation is (4) _____ populations to track changes over time and identify emerging threats. This can be done through citizen science programmes or through more intensive efforts led by conservation organisations. Ultimately, protecting birds and their habitats is not only important for the birds themselves but also for the broader ecosystems they are a part of, and the many benefits these ecosystems provide to humans, such as clean air and water, and (5) _____ opportunities.

SubQuestion No : 25

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

Ans

✗ 1. arduous

✓ 2. recreational

✗ 3. work-related

✗ 4. strenuous

Question ID : **264330139251**
Status : **Answered**
Chosen Option : **2**