Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone Chikalthana
Exam Date	08/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **Which two numbers and two signs should be interchanged to make the given equation correct?**
5 + 44 − 8 × 25 = 203

Ans
✗ 1. 8, 5 and −, +
✗ 2. 8, 44 and −, +
✓ 3. 8, 5 and −, ×
✗ 4. 8, 44 and −, ×

Question ID : **26433069193**
Status : **Answered**
Chosen Option : **3**

Q.2 **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.)
(60, 5, 6)
(48, 8, 3)

Ans
✗ 1. (17, 3, 4)
✗ 2. (25, 4, 6)
✓ 3. (24, 4, 3)
✗ 4. (25, 4, 3)

Question ID : **26433069245**
Status : **Answered**
Chosen Option : **3**

Q.3 **A & B means 'A is the son of B'**
A # B means 'A is the sister of B'
A @ B means 'A is the brother of B'
A % B means 'A is the father of B'
A − B means 'A is the daughter of B'
A * B means 'A is the wife of B'
If C # D @ E % Z & L # M – N * P, then how is Z related to N?

Ans
✗ 1. Son
✗ 2. Grandfather
✗ 3. Father
✓ 4. Grandson

Question ID : **26433065968**
Status : **Answered**
Chosen Option : **4**

Q.4 **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)
(144, 9, 3)
(225, 7, 8)

Ans

✗ 1. (168, 5, 8)

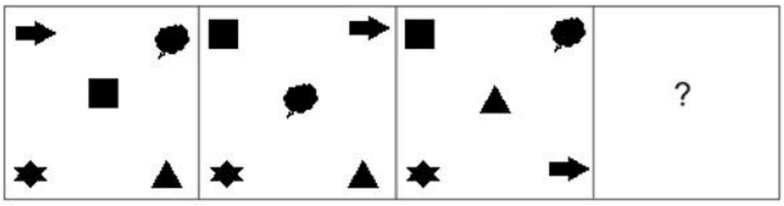
✓ 2. (64, 5, 3)

✗ 3. (81, 6, 2)

✗ 4. (120, 7, 4)

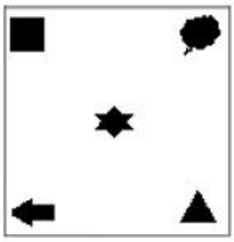
Question ID : **26433070232**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the figure that will come next in the following figure series.

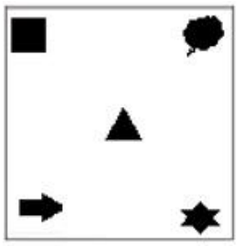


Ans

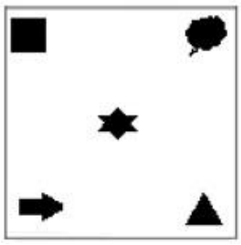
✗ 1.



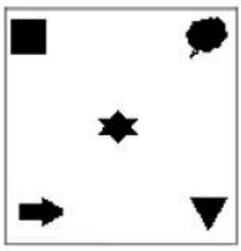
✗ 2.



✓ 3.

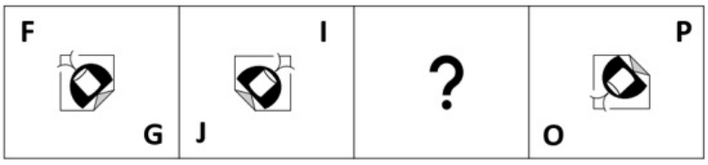


✗ 4.

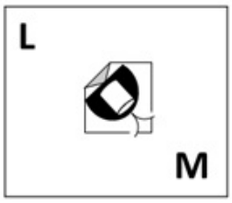


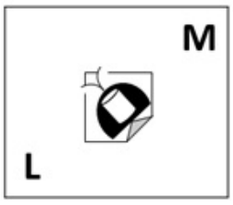
Question ID : **26433083106**
Status : **Answered**
Chosen Option : **3**

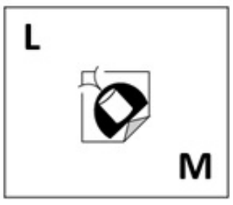
Q.6 Select the figure from among the given options that can replace the question mark (?) in the following series.

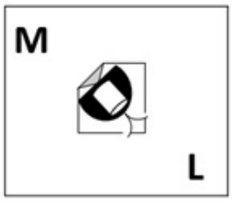


Ans

✗ 1.


✗ 2.


✗ 3.


✓ 4.


Question ID : **26433057724**
Status : **Answered**
Chosen Option : **1**

Q.7 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**
Statements:
All pens are plates.
All plates are trays.
Some trays are boxes.
Conclusions:
I. Some boxes are plates.
II. Some trays are pens.
III. Some boxes are pens.
IV. No tray is a plate.

Ans
✓ 1. Only conclusion II follows
✗ 2. Only conclusion I follows
✗ 3. Only conclusion III follows
✗ 4. Only conclusion IV follows

Question ID : **26433068554**
Status : **Answered**
Chosen Option : **1**

Q.8 **In the following question, select the missing number from the given series.**
69, 70, 73, 78, 85, ?

Ans
✔ 1. 94
✘ 2. 90
✘ 3. 85
✘ 4. 76

Question ID : **264330105009**
Status : **Answered**
Chosen Option : **1**

Q.9 **In a certain code language, 'CAP' is coded as '262413' and 'LOG' is coded as '171022'. How will 'BED' be coded in that language?**

Ans
✘ 1. 11825
✘ 2. 12027
✔ 3. 12025
✘ 4. 12225

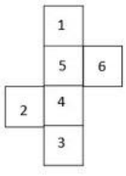
Question ID : **26433067333**
Status : **Answered**
Chosen Option : **3**

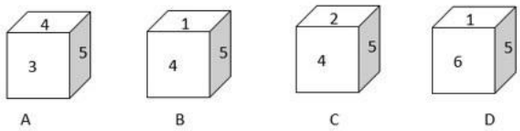
Q.10 **If A × B means that A is the father of B, A + B means that A is the mother of B, A ÷ B means that A is the brother of B then which of the following expression shows that A is the paternal uncle of C?**

Ans
✘ 1. A ÷ C + B
✘ 2. A ÷ B + C
✘ 3. A + B ÷ C
✔ 4. A ÷ B × C

Question ID : **264330104998**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the cube that can be formed by folding the given sheet along the lines.





Ans
✔ 1. Only C and D
✘ 2. Only A and B
✘ 3. Only A and C
✘ 4. Only A, B and C

Question ID : **26433070353**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?**

Ans

✗ 1. BYI

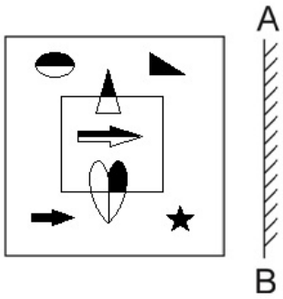
✗ 2. KPR

✓ 3. QLA

✗ 4. DWK

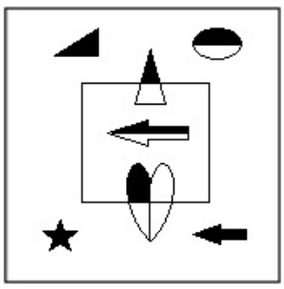
Question ID : **26433081494**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the correct mirror image of the given figure when the mirror is placed at AB as shown.

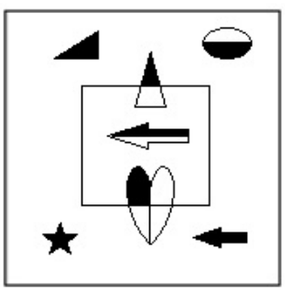


Ans

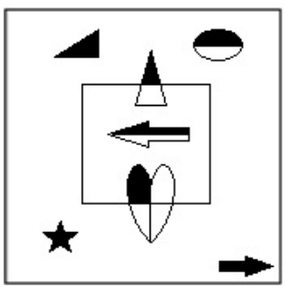
✔ 1.



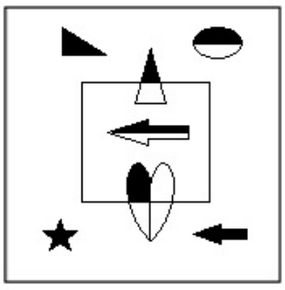
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433070439**
Status : **Answered**
Chosen Option : **3**

Q.14 **In a certain code language, 'BRIGHT' is written as 'TTKIJB' and 'ROAST' is written as 'TQCUR'. How will 'AROUND' be written in that language?**

Ans

✔ 1. DTQWPA

✘ 2. RTQWPF

✘ 3. TTQWRD

✘ 4. CTQWPF

Question ID : **26433067564**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **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)

Commence : Begin :: Doctrine : ?

Ans

✔ 1. Belief

✘ 2. Conduct

✘ 3. Duty

✘ 4. Study

Question ID : **26433068339**
Status : **Answered**
Chosen Option : **1**

Q.16 **By interchanging the given two signs which of the following equation will be not correct?**
– and ×

Ans

✘ 1. 20 × 12 + 6 – 16 ÷ 8 = 20

✘ 2. 16 × 91 ÷ 13 + 5 – 3 = 24

✘ 3. 20 × 8 – 4 ÷ 2 + 3 = 7

✔ 4. 4 × 5 – 36 ÷ 6 + 10 = 10

Question ID : **264330105123**
Status : **Answered**
Chosen Option : **4**

Q.17 **Which two signs and two numbers should be interchanged in the following equation to make it correct?**
686 − 14 × 49 + 400 ÷ 5 = 596

Ans

✔ 1. 5 and 49, ÷ and −

✘ 2. 686 and 5, + and –

✘ 3. 14 and 49, × and –

✘ 4. 14 and 5, + and ×

Question ID : **26433070243**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **After arranging the given words according to dictionary order, which word will come at 'Fifth' position?**
1. Devotional
2. Devolution
3. Devotement
4. Devocalize
5. Devoutness

Ans
✗ 1. Devotement
✗ 2. Devocalize
✓ 3. Devoutness
✗ 4. Devotional

Question ID : **264330104908**
Status : **Answered**
Chosen Option : **3**

Q.19 **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)
(34, 23, 12)
(71, 37, 3)

Ans
✗ 1. (75, 50, 20)
✗ 2. (20, 65, 50)
✓ 3. (19, 55, 91)
✗ 4. (14, 12, 16)

Question ID : **26433079118**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

(X)

Ans
✓ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **26433068907**
Status : **Answered**
Chosen Option : **1**

Q.21 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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)

Ans
1. 9 – 80
2. 7 – 52
3. 5 – 24
4. 11 – 120

Question ID : **264330105055**
Status : **Not Answered**
Chosen Option : **--**

Q.22 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
TMTQ, WGCE, ZALS, CUUG, ?

Ans
1. FMRS
2. FODU
3. FORQ
4. FRMQ

Question ID : **264330104816**
Status : **Answered**
Chosen Option : **2**

Q.23 Which of the following letters will replace the question mark (?) and complete the following letter series?
Q, O, M, K, I, G, ?

Ans
1. D
2. F
3. G
4. E

Question ID : **26433066009**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.
(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)
Road : Concrete

Ans
1. Water : Glass
2. Jewellery : Bangle
3. Doctor : Medicine
4. Wall : Brick

Question ID : **26433068427**
Status : **Answered**
Chosen Option : **4**

Q.25 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. Some Z are F.
II. All G are Z.
Conclusion:
I. No F is G.
II. Some G are not F.
III. No F is Z.

Ans
✗ 1. Only conclusion II follows
✗ 2. Both conclusions II and III follows
✗ 3. Both conclusions I and II follows
✓ 4. Neither conclusion follows

Question ID : **264330104936**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Match Column-A with Column-B

Column-A	Column-B
i. G1	a. Cell synthesises a complete copy of the DNA
ii. S	b. First gap phase, the cell grows physically larger
iii. G2	c. Cell begins to reorganise its contents in preparation for mitosis
iv. M	d. Cell divides its copied DNA and cytoplasm to make two new cells

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

Question ID : **26433082212**
Status : **Answered**
Chosen Option : **4**

Q.2 **If Q = net charge, t = time, then which of the following equations is correct?**

Ans
✗ 1. $t = Q \times I$
✓ 2. $I = \frac{Q}{t}$
✗ 3. $Q = \frac{I}{t}$
✗ 4. $I = Q \times t$

Question ID : **26433066451**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 **With which instrument do the sisters Lalita and Nandini identify?**

Ans
- ✗ 1. Mandolin
- ✓ 2. Violin
- ✗ 3. Sarod
- ✗ 4. Flute

Question ID : **26433064780**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Guru Nileshwar Mukharjee is the exponent of which of the following Indian classical dance forms?**

Ans
- ✗ 1. Sattriya
- ✓ 2. Manipuri
- ✗ 3. Odissi
- ✗ 4. Kathak

Question ID : **26433064654**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Which of the following festivals is organised by the Government of Karnataka, usually in January, to celebrate the grandeur of temples at a UNESCO heritage site?**

Ans
- ✗ 1. Kambala Festival
- ✓ 2. Pattadakal Dance Festival
- ✗ 3. Karaga Festival
- ✗ 4. Hoysala Festival

Question ID : **26433071456**
Status : **Answered**
Chosen Option : **2**

Q.6 **In which Five-Year Plan, was the Mahalanobis Model started?**

Ans
- ✓ 1. Second
- ✗ 2. Fourth
- ✗ 3. Third
- ✗ 4. First

Question ID : **26433065436**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.7 **The Basketball centre line is part of the:**

Ans
- ✗ 1. front court
- ✓ 2. back court
- ✗ 3. restricted area
- ✗ 4. middle court

Question ID : **26433059434**
Status : **Not Answered**
Chosen Option : **--**

Q.8 From the point of view of commerce, the busiest ocean of the world is _____.

Ans
✗ 1. Pacific ocean
✗ 2. Indian ocean
✗ 3. Arctic ocean
✓ 4. Atlantic ocean

Question ID : **264330105626**
Status : **Not Answered**
Chosen Option : **--**

Q.9 On which river, the first night navigation mobile application in rivers in India was launched for ferries?

Ans
✓ 1. Brahmaputra
✗ 2. Ganga
✗ 3. Kaveri
✗ 4. Son

Question ID : **264330105274**
Status : **Answered**
Chosen Option : **1**

Q.10 Minhaj-i-Siraj was a chronicler during the rule of _____.

Ans
✓ 1. Sultan Iltutmish
✗ 2. Qutbuddin Aybak
✗ 3. Ghiyasuddin Balban
✗ 4. Alauddin Khalji

Question ID : **264330105424**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Joint Liability Group is usually an informal group that consists of _____ individuals who seek loans against mutual guarantee.

Ans
✗ 1. 1-3
✗ 2. 15-20
✓ 3. 4-10
✗ 4. 20-30

Question ID : **264330105371**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 Which of the following can alter the boundary of a state or change its name?

Ans
✗ 1. State government
✓ 2. Parliament
✗ 3. Supreme Court
✗ 4. High Court

Question ID : **26433064841**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Ganga Sagar Mela is conducted at the mouth of the river Hooghly in _____.

Ans
✔ 1. West Bengal
✘ 2. Bihar
✘ 3. Goa
✘ 4. Andhra Pradesh

Question ID : **26433071422**
Status : **Not Answered**
Chosen Option : **--**

Q.14 _____ is a change of position.

Ans
✘ 1. Speed
✘ 2. Velocity
✔ 3. Motion
✘ 4. Distance

Question ID : **264330105469**
Status : **Not Answered**
Chosen Option : **--**

Q.15 FIFA U-19 Women's World Cup 2022 will be organised by _____.

Ans
✘ 1. England
✘ 2. Brazil
✘ 3. the US
✔ 4. India

Question ID : **26433071375**
Status : **Not Answered**
Chosen Option : **--**

Q.16 "All India Muslim League" was formed at Dacca in _____.

Ans
✘ 1. 1900
✘ 2. 1904
✘ 3. 1902
✔ 4. 1906

Question ID : **264330105571**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Chittaranjan Das was the political guru of which of the following personalities?

Ans
✔ 1. Subhash Chandra Bose
✘ 2. Mahatama Gandhi
✘ 3. Jawaharlal Nehru
✘ 4. Bhagat Singh

Question ID : **26433089155**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Which of the following pairs of 'Dynasty – Ruled region' is correctly matched? I. Shakas – North west and north India II. Vakatakas – Central and western India**

Ans
- ✗ 1. Neither I nor II
- ✗ 2. Only I
- ✗ 3. Only II
- ✓ 4. Both I and II

Question ID : **264330105179**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Who was appointed as India's chief G20 coordinator in April 2022?**

Ans
- ✗ 1. Jasleen Kohli
- ✓ 2. Harsh V Shringla
- ✗ 3. C Muhammed Faizi
- ✗ 4. Abhishek Singh

Question ID : **264330105333**
Status : **Answered**
Chosen Option : **2**

Q.20 **The Purple revolution was launched by the Union Ministry of Science & Technology in Jammu and Kashmir. This revolution is related to cultivation of which crop?**

Ans
- ✗ 1. Marigold
- ✗ 2. Kashmiri Rose
- ✓ 3. Lavender
- ✗ 4. Himalayan Indigo

Question ID : **264330105294**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **The atomic number of lead is:**

Ans
- ✗ 1. 81
- ✗ 2. 78
- ✓ 3. 82
- ✗ 4. 79

Question ID : **26433086605**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **Which of the following Articles of the Constitution of India deals with amendment in the Constitution?**

Ans
- ✗ 1. Article 365
- ✗ 2. Article 360
- ✓ 3. Article 368
- ✗ 4. Article 355

Question ID : **26433086764**
Status : **Not Answered**
Chosen Option : **--**

Q.23 By which name is the historical road built by Sher Shah Suri known?

Ans
✔ 1. Grand trunk road
✘ 2. Express way
✘ 3. Highway
✘ 4. Cart road

Question ID : **26433089222**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The poverty ratio has declined to _____ in 2011-12 in rural India.

Ans
✘ 1. 20.9 percent
✔ 2. 30.9 percent
✘ 3. 25.9 percent
✘ 4. 35.9 percent

Question ID : **264330105525**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In a lake ecosystem, the primary consumers are _____.

Ans
✔ 1. zooplankton
✘ 2. phytoplankton
✘ 3. bacteria
✘ 4. fishes

Question ID : **26433089654**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 In $\triangle ABC$ and $\triangle PQR$, AB = PQ and $\angle B = \angle Q$. The two triangles are congruent by SAS criteria if:

Ans
✔ 1. BC = QR
✘ 2. AC = PR
✘ 3. AC = QR
✘ 4. BC = PQ

Question ID : **26433081620**
Status : **Not Answered**
Chosen Option : **--**

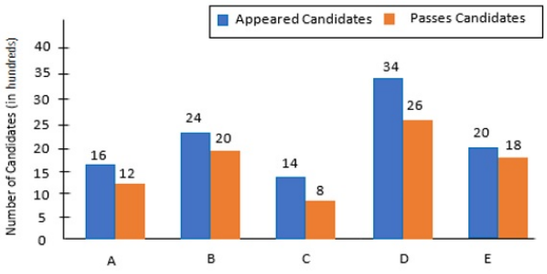
Q.2 Anuradha invests her money in a firm where the principal amount becomes 3 times in 10 years. What is the yearly rate of simple interest offered by the firm?

Ans
✘ 1. 25%
✔ 2. 20%
✘ 3. 22%
✘ 4. 18%

Question ID : **26433080332**
Status : **Answered**
Chosen Option : **2**

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

The number of appeared candidates and passed candidates (in hundreds) in a test from six different institutions.



The number of candidates who passed from institutions C and D together is approximately what percentage (rounded off to the nearest integer) of the total number of candidates who appeared from institutions B and E together?

Ans

✗ 1. 100%

✓ 2. 77%

✗ 3. 95%

✗ 4. 90%

Question ID : **26433093253**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Two trains are moving in the opposite direction at the speed of 48 km/hr and 60 km/hr respectively. The time taken by the slower train to cross a man sitting in the faster train is 12 seconds. What is the length of the slower train?**

Ans

✗ 1. 480 metres

✗ 2. 720 metres

✗ 3. 180 metres

✓ 4. 360 metres

Question ID : **264330105699**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **A shopkeeper listed the marked price of a chair at a certain amount. If the shopkeeper declares a 15% discount and sold it at Rs.1,445, then what is the marked price?**

Ans

✗ 1. Rs.1,750

✗ 2. Rs.1,800

✓ 3. Rs.1,700

✗ 4. Rs.1,850

Question ID : **26433075660**
Status : **Answered**
Chosen Option : **3**

Q.6 **In a factory, Ajay and Vijay work on the same machine to cut diamonds but on alternate hour basis. Ajay works for the first hour and then Vijay works for the second hour and so on. Ajay can complete the work in 6 hours, while Vijay completes it in 16 hours if they work individually. In how much time can they complete the work if they are using the machine on alternate basis?**

Ans
- ✔ 1. 8 h 30 min
- ✘ 2. 8 h
- ✘ 3. 9 h
- ✘ 4. 9 h 30 min

Question ID : **26433082513**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **In Δ ABC and Δ DEF, $\angle$A = 55°, AB = DE, AC = DF, $\angle$E = 85° and $\angle$F = 40°. By which property are Δ ABC and Δ DEF congruent?**

Ans
- ✔ 1. SAS property
- ✘ 2. ASA property
- ✘ 3. RHS property
- ✘ 4. SSS property

Question ID : **26433071288**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **John drives 250 km at 50 km/h and then he drives 350km at 70km/h. Find his average speed for the whole journey in km/h.**

Ans
- ✘ 1. 55 km/h
- ✔ 2. 60 km/h
- ✘ 3. 58 km/h
- ✘ 4. 65 km/h

Question ID : **26433061134**
Status : **Answered**
Chosen Option : **2**

Q.9 If $y = 1 + \sqrt{3} + \sqrt{4}$, then the value of $2y^4 - 8y^3 - 6y^2 + 28y - 84$ is:

Ans
- ✔ 1. $40\sqrt{3}$
- ✘ 2. $80\sqrt{3}$
- ✘ 3. $20\sqrt{3}$
- ✘ 4. $60\sqrt{3}$

Question ID : **26433086288**
Status : **Not Answered**
Chosen Option : **--**

Q.10 If two circles do not touch or intersect each other and one does not lie inside the other, then find the number of common tangents.

Ans

✗ 1. 5

✓ 2. 4

✗ 3. 2

✗ 4. 3

Question ID : **26433065316**
Status : **Not Answered**
Chosen Option : **--**

Q.11 A person having bought goods for Rs.400 sells half of it at a gain of 5%. At what gain percentage must he sell the remainder, so as to gain 25% on the whole?

Ans

✗ 1. 30%

✗ 2. 25%

✗ 3. 20%

✓ 4. 45%

Question ID : **26433063862**
Status : **Answered**
Chosen Option : **4**

Q.12 If $\cot A = \frac{12}{5}$, then the value of $\sin A = ?$

Ans

✓ 1. $\frac{5}{13}$

✗ 2. $\frac{12}{13}$

✗ 3. $\frac{5}{12}$

✗ 4. $\frac{13}{12}$

Question ID : **26433061369**
Status : **Answered**
Chosen Option : **1**

Q.13 What is the value of tan 6° × tan 45° × tan 84°?

Ans

✓ 1. 1

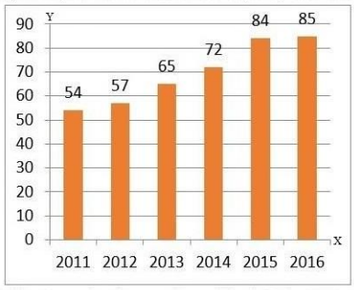
✗ 2. tan 6° × tan 39°

✗ 3. 3

✗ 4. tan 6° + tan 45° + tan 84°

Question ID : **26433058823**
Status : **Answered**
Chosen Option : **4**

Q.14 The given bar diagram represents the number of persons who have taken an insurance policy on the y-axis, and the year of purchase of the insurance policy on the x-axis.



What is the approximate percentage of change in the number of persons who have taken the insurance policy in the year 2014 to that in the year 2011 (correct to one decimal place)?

Ans

✔ 1. 33.3%

✘ 2. 26.4%

✘ 3. 35.5%

✘ 4. 23.1%

Question ID : **26433080143**
Status : **Answered**
Chosen Option : **1**

Q.15 If $x = \frac{\sqrt{5}-\sqrt{4}}{\sqrt{5}+\sqrt{4}}$ and $y = \frac{\sqrt{5}+\sqrt{4}}{\sqrt{5}-\sqrt{4}}$ then the value of $\frac{x^2-xy+y^2}{x^2+xy+y^2} = ?$

Ans

✘ 1. $\frac{361}{363}$

✘ 2. $\frac{341}{343}$

✘ 3. $\frac{384}{387}$

✔ 4. $\frac{321}{323}$

Question ID : **26433075428**
Status : **Not Answered**
Chosen Option : **--**

Q.16 If $\sin\theta - \cos\theta = \frac{4}{5}$, then find the value of $\sin\theta + \cos\theta$.

Ans

✘ 1. $\frac{5}{\sqrt{34}}$

✘ 2. $\frac{5}{\sqrt{24}}$

✔ 3. $\frac{\sqrt{34}}{5}$

✘ 4. $\frac{\sqrt{24}}{5}$

Question ID : **26433092153**
Status : **Not Answered**
Chosen Option : **--**

Q.17 An iron rod with diameter 4 cm and length 12 cm is drawn into a wire of length 12 m of uniform thickness. Determine the thickness of the wire.

Ans
✗ 1. 0.6 cm
✗ 2. 0.7 cm
✗ 3. 0.3 cm
✓ 4. 0.4 cm

Question ID : **26433065029**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The fourth proportional to 16 and 26 and 32 is:

Ans
✗ 1. 16
✓ 2. 52
✗ 3. 54
✗ 4. 24

Question ID : **26433066257**
Status : **Not Answered**
Chosen Option : **--**

Q.19 If tan (α+β)=√3,tan (α-β)=1 where (α+β) and (α-β) are acute angles, then what is tan (6α)?

Ans
✓ 1. -1
✗ 2. 0
✗ 3. 1
✗ 4. √2-1

Question ID : **26433080254**
Status : **Not Answered**
Chosen Option : **--**

Q.20 If $\frac{2p}{p^2-5p+1} = \frac{1}{10}, p \neq 0$, then the value of $(p + \frac{1}{p})$ is:

Ans
✗ 1. 10
✓ 2. 25
✗ 3. 1
✗ 4. 15

Question ID : **26433075033**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In a division sum, the divisor is 10 times the quotient and four times the remainder. What is the dividend if the remainder is 45?

Ans
✗ 1. 4123
✓ 2. 3285
✗ 3. 2895
✗ 4. 5412

Question ID : **26433075408**
Status : **Answered**
Chosen Option : **2**

Q.22 The table given below shows the number of players participating in two games in six different schools?

	Games	
Schools	L	M
D	82	136
E	68	92
F	56	72
G	78	94
H	44	86
I	100	108

Number of players participating in game L from school D and E is how much percent less than the number of players participating in game M from school H and I?

Ans
✔ 1. 22.68 percent
✘ 2. 32.52 percent
✘ 3. 26.22 percent
✘ 4. 43.53 percent

Question ID : **264330105752**
Status : **Answered**
Chosen Option : **1**

Q.23 The HCF of 222, 642 and 1062 is ____.

Ans
✔ 1. 6
✘ 2. 8
✘ 3. 4
✘ 4. 2

Question ID : **26433080076**
Status : **Answered**
Chosen Option : **1**

Q.24 The table given below shows the cost price and profit percentage of 5 articles.

Article	Cost price	Profit
P	450	90%
Q	250	100%
R	600	60%
S	730	70%
T	400	80%

Total selling of article P and Q is what percent of total selling price of article R, S and T?

Ans
✘ 1. 36.26 percent
✘ 2. 49.27 percent
✘ 3. 35.87 percent
✔ 4. 46.38 percent

Question ID : **264330105708**
Status : **Answered**
Chosen Option : **4**

Q.25 **A and B invested their money in a business in the ratio of 9 : 5. If 10% of the total profit goes for charity and A's share is Rs.29,840, what is the total profit (in Rs., to the nearest integer)?**

Ans

✗ 1. Rs.51,745

✗ 2. Rs.55,715

✗ 3. Rs.57,545

✓ 4. Rs.51,575

Question ID : **26433075757**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

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

Vigilant

Ans

✗ 1. Stagnant

✗ 2. Dubious

✗ 3. Robust

✓ 4. Negligent

Question ID : **26433071785**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the correct indirect form of the given sentence.**
The professor said, "I want you to pursue your dreams" .

Ans

✗ 1. The professor said that I want you to pursue your dreams.

✓ 2. The professor said that he wanted me to pursue my dreams.

✗ 3. The professor says that he wants me to pursue my dreams.

✗ 4. The professor told me that I wanted you to pursue your dreams.

Question ID : **264330104618**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the most appropriate alternative to replace the underlined segment in the given sentence.**

They met yesterday, <u>haven't they</u>?

Ans

✗ 1. don't they?

✗ 2. isn't it?

✓ 3. didn't they?

✗ 4. did they?

Question ID : **26433088638**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate synonym of the underlined word.**

My father took a moment to <u>ponder</u> before signing the deeds of our ancestral home.

Ans

✗ 1. Hesitate

✓ 2. Contemplate

✗ 3. Sigh

✗ 4. Brief

Question ID : **26433071779**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

I bought some extra copies from the stationery shop. These may <u>come in handy</u> during exams.

Ans

✓ 1. Be useful

✗ 2. Cause trouble

✗ 3. Be sold

✗ 4. Bring luck

Question ID : **26433071993**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the correct passive form of the given sentence.**
She has learned many lessons in this camp.

Ans

✗ 1. Many lessons has been learned by her in this camp.

✗ 2. Many lessons are being learned by her in this camp.

✓ 3. Many lessons have been learned by her in this camp.

✗ 4. Many lessons were learned by her in this camp.

Question ID : **264330104564**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.**

<u>No sooner did this idea enter</u> his head, than it carried conviction with it.

Ans

✗ 1. No sooner does this idea enter

✓ 2. No substitution

✗ 3. No sooner do his idea enter

✗ 4. No sooner has his idea enter

Question ID : **26433073899**
Status : **Answered**
Chosen Option : **2**

Q.8 **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'.**

Holi is a festival of revelry and camaraderie which is <u>celebrated between the country</u>.

Ans

✗ 1. No substitution

✗ 2. celebrated upon the country

✗ 3. celebrated at the country

✓ 4. celebrated across the country

Question ID : **26433073939**
Status : **Answered**
Chosen Option : **4**

Q.9 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error.**

The article that she wrote / for the last week's Sunday Supplement / fairly criticises / the abuse of mobile phones.

Ans

✗ 1. The article that she wrote

✗ 2. for the last week's Sunday Supplement

✗ 3. the abuses of mobile phones.

✓ 4. fairly criticises

Question ID : **26433073827**
Status : **Answered**
Chosen Option : **3**

Q.10 **A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.**
More than 200 eminent Indian Americans attended the reception at the East Room, a venue which has _____ some of the landmark events related to the India-U. S. relationship.

Ans

✓ 1. witnessed

✗ 2. surpassed

✗ 3. rebuffed

✗ 4. grounded

Question ID : **264330104765**
Status : **Answered**
Chosen Option : **1**

Q.11 **Select the INCORRECTLY spelt word in the following sentence.**
Kamal's repetative mistakes and slip of tongue often create embarrassing moments for him.

Ans

✗ 1. embarrassing

✗ 2. slip

✗ 3. moments

✓ 4. repetative

Question ID : **26433058608**
Status : **Answered**
Chosen Option : **4**

Q.12 **Select the most appropriate meaning of the given idiom.**

Play it by ear

Ans
- ✓ 1. To do something without special preparation
- ✗ 2. To plan
- ✗ 3. To listen carefully
- ✗ 4. To improve

Question ID : **26433060711**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error.**

Mother said that / it was quite all right / for her to get upset / for scoring less.

Ans
- ✗ 1. Mother said that
- ✓ 2. it was quite all right
- ✗ 3. for scoring less.
- ✗ 4. for her to get upset

Question ID : **26433073822**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **Select the most appropriate ANTONYM of the underlined word.**
Evolutionary psychology is a recently advanced field of study, which has grown exponentially with interest since the 1980s.

Ans
- ✓ 1. Rudimentary
- ✗ 2. Lackadaisical
- ✗ 3. Operative
- ✗ 4. Presumptuous

Question ID : **26433061568**
Status : **Answered**
Chosen Option : **1**

Q.15 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Many companies displaced paying income tax last year.

Ans
- ✗ 1. hedged to paying
- ✗ 2. circumvent to paying
- ✗ 3. hedged in paying
- ✓ 4. evaded paying

Question ID : **26433088172**
Status : **Answered**
Chosen Option : **4**

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

One has to _____ the risks associated with global warming.

Ans

✗ 1. cook in mind

✓ 2. bear in mind

✗ 3. take in mind

✗ 4. break in mind

Question ID : **26433088784**
Status : **Answered**
Chosen Option : **3**

Q.17 **The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.**
P. Despite that my guide Raj Lama sent me hiking up yet another trail to try to get a better view.
Q. I was not impressed, and I let him know.
R. I was on the Chele La mountain pass in west Bhutan.
S. The weather was ominous and it was raining too.

Ans

✗ 1. QPRS

✗ 2. SRPQ

✗ 3. SQPR

✓ 4. RSPQ

Question ID : **264330104713**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the correct passive form of the given sentence.**
The snow-storm might have delayed Mira.

Ans

✓ 1. Mira might have been delayed by the snow-storm.

✗ 2. Mira may be delayed by the snow-storm.

✗ 3. Mira might be delayed by the snow-storm.

✗ 4. Mira may have been delayed by the snow-storm.

Question ID : **264330104552**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the most appropriate ANTONYM of the given word.**

Anxiety

Ans

✗ 1. Discomfort

✓ 2. Relief

✗ 3. Agitation

✗ 4. Stress

Question ID : **26433060893**
Status : **Answered**
Chosen Option : **2**

Q.20 Choose the incorrectly spelt word.

Ans
✗ 1. Streamlining
✗ 2. Construction
✗ 3. Barbaric
✓ 4. Evolutoin

Question ID : **264330104755**
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.
Culture can be a beautiful thing. There are many aspects that make up one's culture. Whether it may be the clothing, language, religion, food, traditions or even music, all aspects play a (1)____ role in making up a person's culture. I think culture is so important because it does not affect only one person; it affects the (2)____ and also affects the other people around it. I am happy to know my culture and to know where my family (3)____ from. It gives me the sense of being whole, and at the same time makes me feel (4)____ and different from other people. Different cultures and different people make our country the beautiful melting pot we are (5)_____ to call it.

SubQuestion No : 21

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

Ans
✗ 1. calm
✗ 2. busy
✓ 3. huge
✗ 4. clumsy

Question ID : **26433086422**
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.
Culture can be a beautiful thing. There are many aspects that make up one's culture. Whether it may be the clothing, language, religion, food, traditions or even music, all aspects play a (1)____ role in making up a person's culture. I think culture is so important because it does not affect only one person; it affects the (2)____ and also affects the other people around it. I am happy to know my culture and to know where my family (3)____ from. It gives me the sense of being whole, and at the same time makes me feel (4)____ and different from other people. Different cultures and different people make our country the beautiful melting pot we are (5)_____ to call it.

SubQuestion No : 22

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

Ans
✓ 1. country
✗ 2. climate
✗ 3. course
✗ 4. career

Question ID : **26433086423**
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.
Culture can be a beautiful thing. There are many aspects that make up one's culture. Whether it may be the clothing, language, religion, food, traditions or even music, all aspects play a (1)____ role in making up a person's culture. I think culture is so important because it does not affect only one person; it affects the (2)____ and also affects the other people around it. I am happy to know my culture and to know where my family (3)____ from. It gives me the sense of being whole, and at the same time makes me feel (4)____ and different from other people. Different cultures and different people make our country the beautiful melting pot we are (5)_____ to call it.

SubQuestion No : 23

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

Ans

✗ 1. drawn

✓ 2. originated

✗ 3. imagined

✗ 4. managed

Question ID : **26433086424**
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.
Culture can be a beautiful thing. There are many aspects that make up one's culture. Whether it may be the clothing, language, religion, food, traditions or even music, all aspects play a (1)____ role in making up a person's culture. I think culture is so important because it does not affect only one person; it affects the (2)____ and also affects the other people around it. I am happy to know my culture and to know where my family (3)____ from. It gives me the sense of being whole, and at the same time makes me feel (4)____ and different from other people. Different cultures and different people make our country the beautiful melting pot we are (5)_____ to call it.

SubQuestion No : 24

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

Ans

✗ 1. careful

✗ 2. evil

✓ 3. original

✗ 4. helpless

Question ID : **26433086425**
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.
Culture can be a beautiful thing. There are many aspects that make up one's culture. Whether it may be the clothing, language, religion, food, traditions or even music, all aspects play a (1)____ role in making up a person's culture. I think culture is so important because it does not affect only one person; it affects the (2)____ and also affects the other people around it. I am happy to know my culture and to know where my family (3)____ from. It gives me the sense of being whole, and at the same time makes me feel (4)____ and different from other people. Different cultures and different people make our country the beautiful melting pot we are (5)_____ to call it.

SubQuestion No : 25

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

Ans

✗ 1. thoughtful

✗ 2. grumpy

✗ 3. innocent

✓ 4. proud

Question ID : **26433086426**
Status : **Answered**
Chosen Option : **4**