

Combined Graduate level Examination 2023 Tier I

Roll Number	Join Telegra For Gk GS
Candidate Name	Join Telegra For Gk GS iON
Digital Zone ID	Kanti
Exam Date	21/07/2023
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 word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (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.)

Horse : Mare

Ans ✓ 1. Bull : Cow

✗ 2. Duck : Chick

✗ 3. Dog : Calf

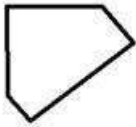
✗ 4. Butterfly : Larva

Question ID : 26433068016

Status : Answered

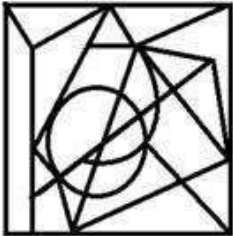
Chosen Option : 1

Q.2 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

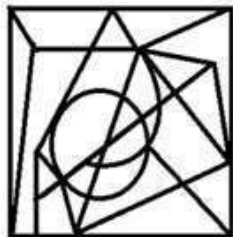


Ans

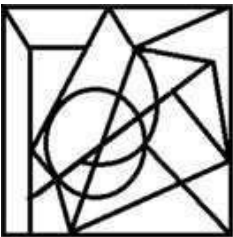
☒ 1.



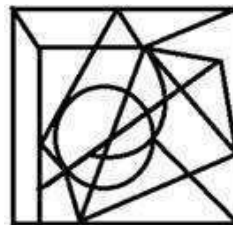
☒ 2.



☒ 3.



☒ 4.



Question ID : 26433067425

Status : Answered

Chosen Option : 4

Q.3 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. (8, 62)

☒ 2. (10, 100)

☒ 3. (14, 194)

☒ 4. (12, 142)

Question ID : 264330143674

Status : Answered

Chosen Option : 2

Q.4 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Calamity
2. Calcium
3. Calculus
4. Calmly
5. Calories
6. Calendar

Ans ☒ 1. 1, 2, 3, 4, 5, 6

☒ 2. 1, 2, 3, 6, 4, 5

☒ 3. 2, 3, 1, 6, 4, 5

☒ 4. 1, 3, 2, 6, 4, 5

Question ID : 264330132175

Status : Answered

Chosen Option : 2

Q.5 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '2'.

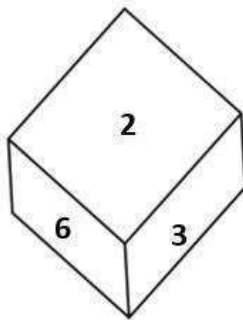


Figure 1

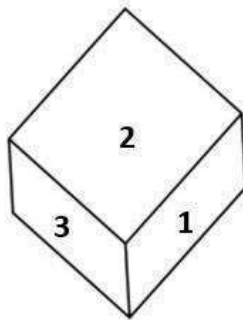


Figure 2

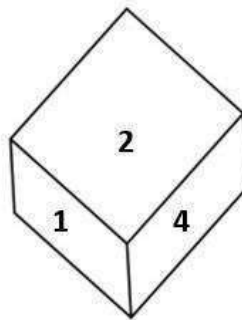


Figure 3

Ans ☒ 1. 4

☒ 2. 3

☒ 3. 6

☒ 4. 5

Question ID : 26433069067

Status : Answered

Chosen Option : 4

Q.6 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.
 $6 : 136 :: 8 : ? :: 12 : 568$

Ans ☒ 1. 248

☒ 2. 284

☒ 3. 244

☒ 4. 288

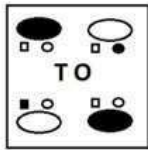
Question ID : 26433078952

Status : Answered

Chosen Option : 1

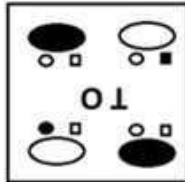
Q.7 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

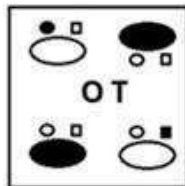


Ans

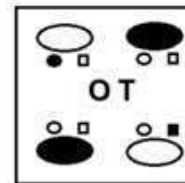
☒ 1.



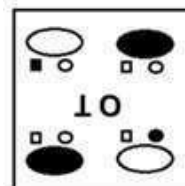
☒ 2.



☒ 3.



☒ 4.



Question ID : 26433067421

Status : Answered

Chosen Option : 3

Q.8 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.
 $96 * 3 * 7 * 4 * 11 = 15$

Ans ☒ 1. $\times + + -$

☒ 2. $\times + - +$

☒ 3. $+ + \times -$

☒ 4. $\div - \times +$

Question ID : 264330122470

Status : Answered

Chosen Option : 4

Q.9 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

ADAMS : DASMA :: TOWER : OTREW :: RAINY : ?

Ans ☒ 1. ARYNI

☐ 2. YNIAR

☐ 3. INYRA

☐ 4. AINYR

Question ID : 26433056396

Status : Answered

Chosen Option : 1

Q.10 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)

(26, 62, 140)

(12, 39, 75)

Ans ☐ 1. (20, 38, 108)

☒ 2. (20, 48, 108)

☐ 3. (50, 48, 108)

☐ 4. (20, 48, 98)

Question ID : 264330123239

Status : Answered

Chosen Option : 2

Q.11 Which of the following letter-clusters will replace the question mark (?) in the given series?

EJCK, GMDO, IPES, ?, MVGA

Ans ☐ 1. KRFW

☐ 2. KTFW

☒ 3. KSFW

☐ 4. KRFB

Question ID : 26433081755

Status : Answered

Chosen Option : 3

Q.12 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(3, 5, 6)

(5, 12, 15)

(9, 4, ?)

(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. 13

☒ 2. 9

☒ 3. 11

☒ 4. 7

Question ID : 26433082462

Status : Answered

Chosen Option : 3

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.)

(6, 16, 8)

(5, 15, 9)

Ans ☒ 1. (4, 12, 11)

☒ 2. (3, 11, 11)

☒ 3. (3, 19, 11)

☒ 4. (4, 32, 8)

Question ID : 26433082876

Status : Answered

Chosen Option : 2

Q.14 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

OPERA	EOPAR	OERPA	ROEAP	?
-------	-------	-------	-------	---

Ans

✗ 1.

OEAPR

✓ 2.

ORPEA

✗ 3.

ORAEP

✗ 4.

PROEA

Question ID : 26433085796

Status : Answered

Chosen Option : 2

Q.15 Amil points towards a girl and says she is his only daughter's father's paternal grandfather's granddaughter. Amil's father has no siblings. How is the girl related to Amil?

- Ans ☒ 1. Granddaughter
☒ 2. Sister
☒ 3. Paternal grandmother
☒ 4. Mother

Question ID : 264330118662
Status : Answered
Chosen Option : 2

Q.16 In a certain code language, 'BREAD' is coded as RBBDA and 'FLOUR' is coded as LFLRU. How will 'PAINT' be coded in the same language?

- Ans ☒ 1. AFPTN
☒ 2. APLTN
☒ 3. NTFAP
☒ 4. APFTN

Question ID : 264330129760
Status : Answered
Chosen Option : 4

Q.17 Which two signs should be interchanged to make the given equation correct?
 $459 + 17 \times 12 \div 72 - 47 = 349$

- Ans ☒ 1. ÷ and +
☒ 2. ÷ and -
☒ 3. + and ×
☒ 4. - and +

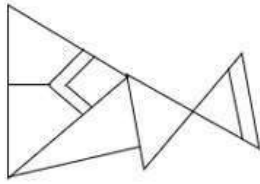
Question ID : 264330132503
Status : Answered
Chosen Option : 1

Q.18 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. JPSW
☒ 2. BEJQ
☒ 3. CFKR
☒ 4. MPUB

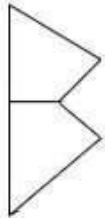
Question ID : 264330143765
Status : Answered
Chosen Option : 1

Q.19 Select the option figure which is embedded in the given figure (rotation is NOT allowed).

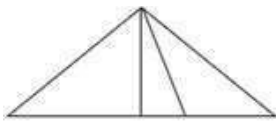


Ans

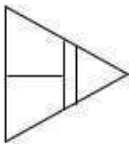
✓ 1.



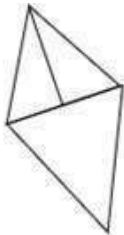
✗ 2.



✗ 3.



✗ 4.

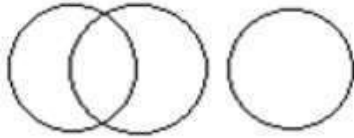


Question ID : 26433097255
Status : Answered
Chosen Option : 1

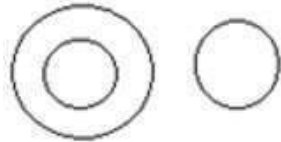
Q.20 Select the Venn diagram that best illustrates the relationship between the following classes.
Dirham, Dubai, Currency

Ans

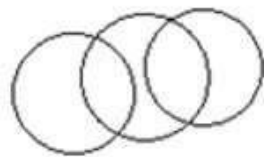
✗ 1.



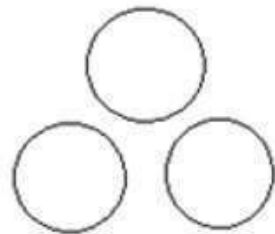
✓ 2.



✗ 3.



✗ 4.

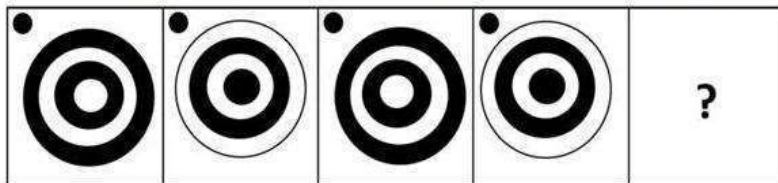


Question ID : 264330145447

Status : Answered

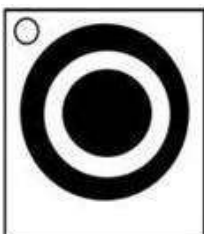
Chosen Option : 2

Q.21 Select the figure that will replace the question mark (?) in the following figure series.



Ans

☒ 1.



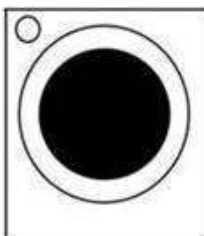
☒ 2.



☒ 3.



☒ 4.



Question ID : 26433056105

Status : Answered

Chosen Option : 2

Q.22 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

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

Ans ☒ 1. P Q R S P R

☒ 2. P S Q P R S

☒ 3. P S R Q P S

☒ 4. P R Q S P S

Question ID : 264330143737

Status : Answered

Chosen Option : 2

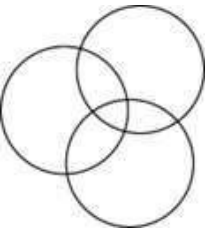
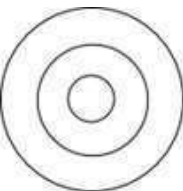
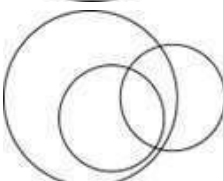
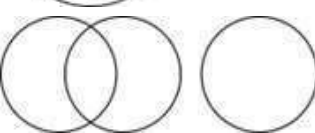
Q.23 Which of the following numbers will replace the question mark (?) in the given series?
245, 212, ?, 146, 113, 80

- Ans
- ☒ 1. 176
 - ☒ 2. 179
 - ☒ 3. 178
 - ☒ 4. 180

Question ID : 26433090930
Status : Answered
Chosen Option : 2

Q.24 Select the Venn diagram that best illustrates the relationship between the following classes.
Women, Mothers, Singers

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 26433086239
Status : Answered
Chosen Option : 3

Q.25 In a certain code language, 'UPSIDE' is coded as 'NJNEAC' and 'GINGER' is coded as 'ZCICBP'. How will 'BRUNCH' be coded in the same language?

- Ans
- ☒ 1. TKOKYE
 - ☒ 2. VMQKAG
 - ☒ 3. WNRKBH
 - ☒ 4. ULPJZF

Question ID : 264330131987
Status : Answered
Chosen Option : 4

Q.1 In February 2021, In which of the following cases did the Court observe that Consent of a family is not needed once two adults decide to marry?

- Ans ☒ 1. Satbir Singh v. State of Haryana
☒ 2. Rahul Sharma v. National Insurance Company Ltd.
☒ 3. Devilal v. State of Madhya Pradesh
☒ 4. Laxmibai Chandaragi v. The State of Karnataka

Question ID : 26433092450
Status : Not Answered
Chosen Option : --

Q.2 Which of the following organic compounds is synonymous with olefiant gas which is used to make anaesthetics, refrigerants and other chemicals?

- Ans ☒ 1. Ethylene
☒ 2. 1-Pentene
☒ 3. Methane
☒ 4. Butane

Question ID : 264330110047
Status : Not Answered
Chosen Option : --

Q.3 Which of the following is NOT a tributary of the Godavari river?

- Ans ☒ 1. Mahi
☒ 2. Pranhita
☒ 3. Manjra
☒ 4. Purna

Question ID : 264330110652
Status : Not Answered
Chosen Option : --

Q.4 What is the significance of 26 January being chosen as a day to celebrate the Republic Day, aside from the adoption of the constitution?

- Ans ☒ 1. Revolution of 1857
☒ 2. Foundation day of the Indian National Congress
☒ 3. Declaration of Purna Swaraj
☒ 4. Day of the Champaran Satyagraha

Question ID : 264330110457
Status : Answered
Chosen Option : 3

Q.5 During the reign of Akbar, _____ was the land that has lain fallow for three or four years.

- Ans ☒ 1. Parauti
☒ 2. Polaj
☒ 3. Chachar
☒ 4. Banjar

Question ID : 264330111392
Status : Not Answered
Chosen Option : --

Q.6 What is the age criteria for the subscribers of Atal Pension Yojana?

- Ans ☒ 1. 20-30 Years
☒ 2. 25-35 Years
☒ 3. 18-40 Years
☒ 4. 40-60 Years

Question ID : 264330103825
Status : Answered
Chosen Option : 3

Q.7 Dr DS Athwal was known as the 'Father of _____ Revolution in India'.

- Ans ☒ 1. Oilseed
☒ 2. Rice
☒ 3. Millet
☒ 4. Wheat

Question ID : 264330109397
Status : Answered
Chosen Option : 3

Q.8 Which of the following can be considered as an example of flow variable?

- (i) Production of rice
(ii) Import of cloth
(iii) Change in capital

- Ans ☒ 1. None of (i), (ii) and (iii)
☒ 2. Only (iii)
☒ 3. All of (i), (ii) and (iii)
☒ 4. Only (i) and (ii)

Question ID : 264330109096
Status : Not Answered
Chosen Option : --

Q.9 How many main styles of Chhau folk dance exist?

Ans ☒ 1. 7

☒ 2. 3

☒ 3. 9

☒ 4. 5

Question ID : 26433090762

Status : Not Answered

Chosen Option : --

Q.10 Which of the following countries will host the para badminton championship in 2023?

Ans ☒ 1. China

☒ 2. India

☒ 3. Thailand

☒ 4. Indonesia

Question ID : 264330109710

Status : Answered

Chosen Option : 2

Q.11 Who among the following freedom fighters lost his life during the protest against Simon Commission where black flags were waved at the Commission?

Ans ☒ 1. Lala Lajpat Rai

☒ 2. Chittaranjan Das

☒ 3. Sachindra Nath Sanyal

☒ 4. Surendranath Banerjee

Question ID : 264330141513

Status : Answered

Chosen Option : 1

Q.12 Select the correct option about Kwashiorkor.

Statement A: It is a form of malnutrition caused by a lack of fat in the diet.

Statement B: Children who develop Kwashiorkor may not grow or develop properly and may remain stunted for the rest of their lives.

Ans ☒ 1. Only statement B is correct

☒ 2. Both statements A and B are correct

☒ 3. Both statements A and B are incorrect

☒ 4. Only statement A is correct

Question ID : 264330131791

Status : Answered

Chosen Option : 1

Q.13 In Which year did John Newlands propound the 'Law of Octaves' an innovative concept proposing the periodicity of chemical elements arranged in the order of atomic weight?

- Ans ☒ 1. 1861
☒ 2. 1863
☒ 3. 1865
☒ 4. 1867

Question ID : 264330144046

Status : Answered

Chosen Option : 2

Q.14 Which of the following parts of the Indian Constitution deals with fundamental rights?

- Ans ☒ 1. Part IX
☒ 2. Part VI
☒ 3. Part XI
☒ 4. Part III

Question ID : 264330113385

Status : Answered

Chosen Option : 4

Q.15 FTX Crypto Cup is associated with which of the following sports events?

- Ans ☒ 1. Snooker
☒ 2. Chess
☒ 3. Billiards
☒ 4. Golf

Question ID : 264330109717

Status : Not Answered

Chosen Option : --

Q.16 Who among the following won the Padma award for the year 2023 for his efforts of reviving the traditional art of making Etikoppaka toys by adoption of eco-friendly technologies?

- Ans ☒ 1. Victor Banerjee
☒ 2. Devendra Jhajharia
☒ 3. Radheyshyam Khemka
☒ 4. CV Raju

Question ID : 264330133016

Status : Not Answered

Chosen Option : --

Q.17 The finance commission of India is required to make recommendations to the _____.

- Ans ☒ 1. President of India
☐ 2. Ministry of Finance
☐ 3. Parliament
☐ 4. Central Cabinet

Question ID : 264330130462
Status : Answered
Chosen Option : 1

Q.18 What do you call the glycocalyx when it is like a loose sheath in the cell envelope of bacteria?

- Ans ☐ 1. Mesoderm
☐ 2. Capsule
☒ 3. Slime layer
☐ 4. Organelle

Question ID : 26433087871
Status : Not Answered
Chosen Option : --

Q.19 Aditi Mangal Das was conferred the Mahari Award for dance in 2022 for which of the following dance forms?

- Ans ☒ 1. Kathak
☐ 2. Odissi
☐ 3. Manipuri
☐ 4. Bharatanatyam

Question ID : 26433055420
Status : Not Answered
Chosen Option : --

Q.20 The North–South corridor links which of the two major cities?

- Ans ☐ 1. Leh and Vishakhapatnam
☐ 2. Leh and Kanyakumari
☐ 3. Srinagar and Vishakhapatnam
☒ 4. Srinagar and Kanyakumari

Question ID : 264330110638
Status : Answered
Chosen Option : 4

Q.21 Who among the following gave the famous 'Do or Die' slogan during Quit India Movement?

- Ans ☒ 1. Abul Kalam Azad
☒ 2. Jawaharlal Nehru
☒ 3. Subhash Chandra Bose
☒ 4. Mahatma Gandhi

Question ID : 264330106583
Status : Answered
Chosen Option : 4

Q.22 Why do most parts of India receive rainfall from June to September?

- Ans ☒ 1. Due to the South-West monsoon
☒ 2. Due to extremely cold nights in these regions
☒ 3. Due to high pressure in these months
☒ 4. Due to the North-east monsoon

Question ID : 264330109943
Status : Answered
Chosen Option : 4

Q.23 Shivaputra Siddharamayya Komkalimath is the original name of which of the following Indian classical singers?

- Ans ☒ 1. Pandit Omkarnath Thakur
☒ 2. Pandit Kumar Gandharva
☒ 3. Pandit Jasraj
☒ 4. Pandit Dinkar Kaikini

Question ID : 26433090694
Status : Not Answered
Chosen Option : --

Q.24 The national poverty line for 2011-12 was estimated at _____ per capita per month for urban areas of India.

- Ans ☒ 1. ₹3,000
☒ 2. ₹1,000
☒ 3. ₹2,000
☒ 4. ₹1,500

Question ID : 264330138115
Status : Not Answered
Chosen Option : --

Q.25 Kosala Mahajanapada (6th century BCE) is a part of modern day:

- Ans ☒ 1. Maharashtra
☒ 2. Haryana
☒ 3. Madhya Pradesh
☒ 4. Uttar Pradesh

Question ID : 264330114059
Status : Not Answered
Chosen Option : --

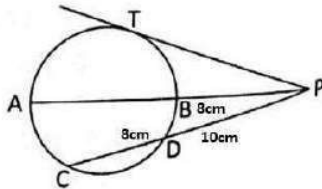
Section : Quantitative Aptitude

Q.1 Anuj and Anup have to travel from a place A to a place B in their respective cars. Anuj is driving at 70 km/h, and takes 3 halts of 10 minutes each, while Anup is driving at 80 km/h, and takes 4 halts of 15 minutes each. The time taken by Anup to reach Place B, if Anuj takes 8.5 hours, is:

- Ans ☒ 1. 8 hours
☒ 2. 7 hours
☒ 3. 4 hours
☒ 4. 6 hours

Question ID : 264330109147
Status : Answered
Chosen Option : 1

Q.2 In the given figure, diameter AB and chord CD of a circle meet at P. PT is a tangent to the circle at T. If CD = 8 cm, PD = 10 cm and PB = 8 cm, find AB.



- Ans ☒ 1. 14.5 cm
☒ 2. 22.5 cm
☒ 3. 12 cm
☒ 4. 8 cm

Question ID : 26433079794
Status : Answered
Chosen Option : 2

Q.3 If $\sec A + \tan A = 3$, then $\cos A$ is equal to:

Ans

☐ 1. $\frac{4}{3}$

☒ 2. $\frac{3}{5}$

☐ 3. $\frac{3}{4}$

☐ 4. $\frac{5}{3}$

Question ID : 26433075835

Status : Answered

Chosen Option : 2

Q.4 If $x + y = 7$ and $xy = 19$, then calculate the value of $x^2 + y^2$.

Ans ☐ 1. 17

☐ 2. 12

☒ 3. 11

☐ 4. 19

Question ID : 264330126621

Status : Answered

Chosen Option : 3

Q.5 Which of the following options is NOT a correct trigonometric identity?

Ans ☐ 1. $1 + \cot^2 \theta \equiv \operatorname{cosec}^2 \theta$

☐ 2. $1 + \tan^2 \theta \equiv \sec^2 \theta$

☐ 3. $1 - \sin^2 \theta \equiv \cos^2 \theta$

☒ 4. $\cos^2 \theta - \sin^2 \theta \equiv 1$

Question ID : 264330143582

Status : Answered

Chosen Option : 4

Q.6 The volume of a cuboid is twice that of a cube. If the dimensions of the cuboid are (8 m × 8 m × 16 m), the total surface area of the cube is:

Ans ☐ 1. 316 m^2

☐ 2. 288 m^2

☐ 3. 324 m^2

☒ 4. 384 m^2

Question ID : 26433075485

Status : Answered

Chosen Option : 4

Q.7 Simplify the given expression.

$$(a - 2b)(b - 3a) + (a + b)(a - 3b) - (b - 3a)(4a - 5b)$$

Ans ☒ 1. $8a^2 - 10ab$

☒ 2. $8a^2 + 10ab$

☒ 3. $10a^2 - 14ab$

☒ 4. $10a^2 - 4ab$

Question ID : 264330129975

Status : Not Answered

Chosen Option : --

Q.8 If $(a + b + c) = 12$, and $(ab + bc + ca) = 47$, find the value of $(a^3 + b^3 + c^3 - 3abc)$.

Ans ☒ 1. 24

☒ 2. 36

☒ 3. 48

☒ 4. 42

Question ID : 264330101362

Status : Answered

Chosen Option : 2

Q.9 Find the value of the given expression:

$$10 \div 5 \times 1 + 3 - [8 - \{5 - (7 - 7 - 9)\}]$$

Ans ☒ 1. 11

☒ 2. 10

☒ 3. 9

☒ 4. 8

Question ID : 264330143505

Status : Answered

Chosen Option : 1

Q.10 What is the value of $\sec^2\theta - \cot^2(90^\circ - \theta)$?

Ans ☒ 1. 2

☒ 2. 1

☒ 3. -1

☒ 4. 0

Question ID : 26433075302

Status : Answered

Chosen Option : 2

Q.11 If A and B together can do a piece of work in 20 days, and A alone can do the same work in 30 days, then in how many days can B alone complete the same work?

- Ans
- ☒ 1. 45
 - ☒ 2. 40
 - ☒ 3. 60
 - ☒ 4. 50

Question ID : 264330119431
Status : Answered
Chosen Option : 3

Q.12 A worker completes $\frac{3}{5}$ of a work in 12 days. In how many days will he complete $\frac{3}{4}$ of the work?

- Ans
- ☒ 1. 18
 - ☒ 2. 20
 - ☒ 3. 16
 - ☒ 4. 15

Question ID : 264330103333
Status : Answered
Chosen Option : 4

Q.13 The weights (in kg) of five girls of a class are 49, 42, 61, 55 and 58. What is the average weight (in kg) of these five girls?

- Ans
- ☒ 1. 53
 - ☒ 2. 54
 - ☒ 3. 51
 - ☒ 4. 52

Question ID : 264330103932
Status : Answered
Chosen Option : 1

Q.14 Anand covers a certain distance in the first lag of 5 hours at the speed of 50 km/h. In the second lag, he increased the speed by 20% due to which he covered 20% extra distance than that of the first lag. He covered the third lag at the average speed of the first two lags and covered 10% extra distance than that of the second lag distance. How much total time (in hours) did he take to complete all three lags?

- Ans
- ☒ 1. 16
 - ☒ 2. 15
 - ☒ 3. 18
 - ☒ 4. 14

Question ID : 264330130014
Status : Answered
Chosen Option : 1

Q.15 The monthly income of a person was ₹12,000 and his monthly expenditure was ₹8,000. Next year, his income increased by 10% and his expenditure by 8%. Find the percentage increase in his savings.

- Ans
- ☒ 1. 10%
 - ☒ 2. 14%
 - ☒ 3. 12%
 - ☒ 4. 15%

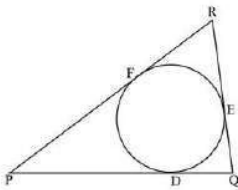
Question ID : 264330102336
Status : Answered
Chosen Option : 2

Q.16 At simple interest a sum of ₹6,400 becomes ₹8,320 in 3 years. What will ₹7,200 become in 5 years at the same rate?

- Ans
- ☒ 1. ₹10,200
 - ☒ 2. ₹10,600
 - ☒ 3. ₹10,800
 - ☒ 4. ₹10,400

Question ID : 264330104192
Status : Answered
Chosen Option : 3

Q.17 In the given figure, a circle is inscribed in $\triangle PQR$, such that it touches the sides PQ, QR and RP at points D, E, F, respectively. If the lengths of the sides $PQ = 18$ cm, $QR = 13$ cm and $RP = 15$ cm, then find the length of PD.



- Ans
- ☒ 1. 10 cm
 - ☒ 2. 8 cm
 - ☒ 3. 15 cm
 - ☒ 4. 12 cm

Question ID : 264330122099
Status : Answered
Chosen Option : 1

Q.18 A works 3.5 times as fast as B, and A takes 45 days less than B to complete a job when each works alone. Calculate the number of days taken to complete the same job if A and B work together.

- Ans
- ☐ 1. 10.5
 - ☐ 2. 17.5
 - ☐ 3. 21
 - ☒ 4. 14

Question ID : 264330101325

Status : Answered

Chosen Option : 4

Q.19 Solve the following expression.
 $50 - [20 + (30 - (25 - 5))]$

- Ans
- ☐ 1. 10
 - ☐ 2. 30
 - ☒ 3. 20
 - ☐ 4. 40

Question ID : 26433066349

Status : Answered

Chosen Option : 3

Q.20 A sold an article to B at 25% profit and B further sold it to C by earning a certain profit. If the cost price of C is 30% more than the cost price of A, then find the profit percentage earned by B.

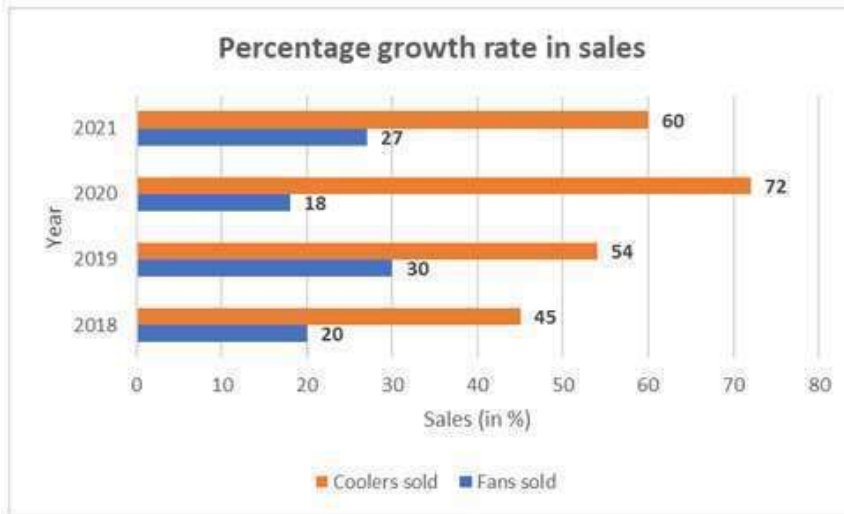
- Ans
- ☐ 1. $5\frac{1}{2}\%$
 - ☒ 2. 4%
 - ☐ 3. 5%
 - ☐ 4. $4\frac{1}{2}\%$

Question ID : 26433087360

Status : Answered

Chosen Option : 2

Q.21 The following figure shows the percentage growth in units of fans and coolers sold in some years. What is the difference between the averages of the growth rate in coolers and fans?



Ans ☒ 1. 34

☐ 2. 30

☐ 3. 32

☐ 4. 42

Question ID : 264330130029

Status : Answered

Chosen Option : 1

Q.22 Raghav covers a distance of 3300 m in 45 minutes. What is his speed (in km/h)?

Ans ☐ 1. 5

☒ 2. 4.4

☐ 3. 2.25

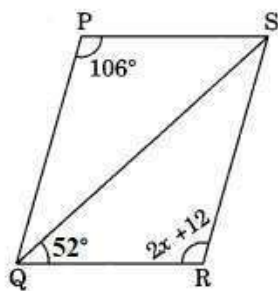
☐ 4. 3.75

Question ID : 264330130013

Status : Answered

Chosen Option : 2

Q.23 In the given figure, $\triangle QPS \cong \triangle SRQ$. Find the measure of $\angle PSR$.



- Ans
- ☒ 1. 64°
 - ☒ 2. 74°
 - ☒ 3. 52°
 - ☒ 4. 82°

Question ID : 264330126612

Status : Answered

Chosen Option : 2

Q.24 If successive discounts of 5%, 10% and p% are equivalent to a single discount of 31.6%, then the value of p is:

- Ans
- ☒ 1. 15
 - ☒ 2. 25
 - ☒ 3. 20
 - ☒ 4. 30

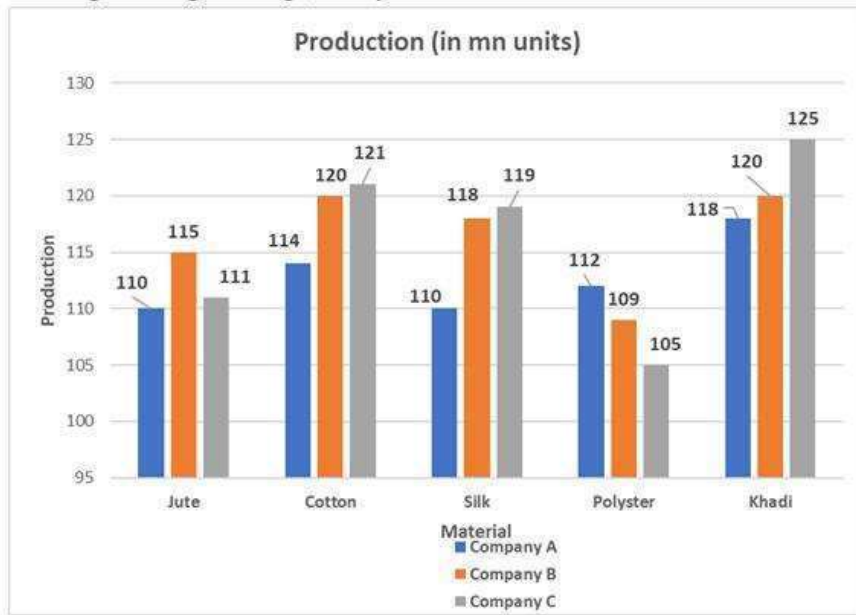
Question ID : 264330103537

Status : Answered

Chosen Option : 3

Q.25 What is the difference between the total production of Cotton and Khadi?

Note: Ignore negative sign, if any



Ans ☒ 1. 10

☒ 2. 11

☒ 3. 8

☒ 4. 7

Question ID : 26433080384

Status : Answered

Chosen Option : 3

Section : English Comprehension

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

Perseverance

Ans ☒ 1. Irresolution

☒ 2. Obstinacy

☒ 3. Readiness

☒ 4. Eloquence

Question ID : 26433089387

Status : Answered

Chosen Option : 1

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A group of worshippers

Ans ☒ 1. Congregation

☐ 2. Crowd

☐ 3. Caravan

☐ 4. Constellation

Question ID : 26433086318

Status : Answered

Chosen Option : 1

Q.3 Parts of the following sentence have been given as options. Select the option that contains an error.

He will return in a hour.

Ans ☐ 1. return

☐ 2. He will

☐ 3. hour

☒ 4. in a

Question ID : 26433072526

Status : Answered

Chosen Option : 4

Q.4 Select the most appropriate ANTONYM of the underlined word.
Her sudden arrival has disarranged my plans.

Ans ☐ 1. Timing

☐ 2. Entrance

☒ 3. Departure

☐ 4. Appearance

Question ID : 264330121045

Status : Answered

Chosen Option : 3

Q.5 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 superseded India's previous educational strategy, which was created in 1986.

B. The Indian union cabinet approved the country's national education strategy on 29 July 2020.

C. And it provides a framework for education from the primary grades up to higher education, as well as for vocational training in both urban and rural settings.

D. This policy significantly improves India's educational system. Restructuring India's educational system is the primary goal of the National Education Policy 2022.

Ans ☐ 1. DBCA

☐ 2. ABDC

☐ 3. BCDA

☒ 4. BADC

Question ID : 264330117127

Status : Answered

Chosen Option : 4

Q.6 Select the most appropriate phrasal verb to fill in the blank.
Mohan _____ the charge of Centre for Life Skills from Mustafa.

- Ans ☒ 1. took out
☒ 2. took through
☒ 3. took off
☒ 4. took over

Question ID : 26433084922
Status : Answered
Chosen Option : 4

Q.7 Identify the sentence that provides the meaning of the given idiom.

Under the cloud

- Ans ☒ 1. The classmates were dancing together under the rain.
☒ 2. The driver was under suspicion after the police found blood on his car.
☒ 3. The Red fort looks beautiful amidst the cloudy weather and cold atmosphere.
☒ 4. It was the best place to sit under the sky with hands full of food.

Question ID : 26433089818
Status : Answered
Chosen Option : 2

Q.8 Choose the option that can substitute the underlined segment correctly and complete the meaning of the sentence.
Bajrang is in extreme pain in his teeth.

- Ans ☒ 1. Ache
☒ 2. Agony
☒ 3. Hurt
☒ 4. Sting

Question ID : 26433096218
Status : Answered
Chosen Option : 1

Q.9 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Nocturnal
☒ 2. Repulcive
☒ 3. Scoreboard
☒ 4. Irrespective

Question ID : 264330120771
Status : Answered
Chosen Option : 2

Q.10 Select the most appropriate ANTONYM of the word 'Unsure' from the given sentence.

Himanshi is preparing customised gifts and handicrafts for surprising Mehul on his retirement, but the date is not certain yet.

- Ans ☒ 1. date
☒ 2. certain
☒ 3. customised
☒ 4. handicrafts

Question ID : 26433089835
Status : Answered
Chosen Option : 2

Q.11 Select the most appropriate ANTONYM of the underlined word.
He was acquitted of all the charges in the court today.

- Ans ☒ 1. Conformed
☒ 2. Discharged
☒ 3. Praised
☒ 4. Convicted

Question ID : 26433084668
Status : Answered
Chosen Option : 4

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

Her modest behaviour was appreciated by everyone in the assembly.

- Ans ☒ 1. distant
☒ 2. unassuming
☒ 3. conceited
☒ 4. obvious

Question ID : 264330141555
Status : Not Answered
Chosen Option : --

Q.13 Select the most appropriate synonym of the word given in brackets to fill in the blank.
She looked _____(luminous) in the diamond necklace.

- Ans ☒ 1. impudent
☒ 2. strident
☒ 3. transcendent
☒ 4. resplendent

Question ID : 264330141151
Status : Not Answered
Chosen Option : --

Q.14 Select the most appropriate meaning of the given idiom.

Once in a blue moon

- Ans ☒ 1. Very ancient
☒ 2. Very colorful
☒ 3. Very rare
☒ 4. Very high

Question ID : 26433088573

Status : Answered

Chosen Option : 3

Q.15 Select the option that expresses the given sentence in passive voice.
Who teaches her geography?

- Ans ☒ 1. By who geography is taught to her?
☒ 2. By whom she is taught geography?
☒ 3. By whom is she taught geography?
☒ 4. By whom was she taught geography?

Question ID : 264330141106

Status : Answered

Chosen Option : 3

Q.16 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.Because of the region's scorching heat and aridity, a considerable amount of water evaporates.
B.As a result, the salt and other minerals become increasingly concentrated.
C.It is then unable to exit the lake and is forced to evaporate.
D.The Dead Sea is one of the saltiest bodies of water on the planet, with about ten times the salt content of typical saltwater.
E.This is because water flows into the Dead Sea from a single primary tributary, the Jordan River.

- Ans ☒ 1. DECAB
☒ 2. DCBAE
☒ 3. DEABC
☒ 4. DACEB

Question ID : 26433097525

Status : Answered

Chosen Option : 3

Q.17 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) Bauxite is used as a main raw material for the production of aluminium.
- B) Precipitation is a pre-final stage for actual production.
- C) Sodium aluminate is acquired in the next step.
- D) The smelting process actually extracts aluminium as a final product from its oxide.

Ans ☒ 1. ABCD

☒ 2. ACBD

☒ 3. DCAB

☒ 4. ADCB

Question ID : 26433089761

Status : Not Answered

Chosen Option : --

Q.18 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. She dashed from one side to the other, taking care not to destroy the lovely flowers in the garden.
- B. Karen took a stroll in a lovely garden full of tulips and butterflies.
- C. She discovered a swing constructed of tree branches behind a large bush.
- D. Karen went onto the swing without hesitation and began swinging, causing the wind to dishevel her hair.
- E. The small girl adored the outdoors and relished the breeze blowing through her hair.

Ans ☒ 1. BEACD

☒ 2. DBCAE

☒ 3. BDECA

☒ 4. BDCAE

Question ID : 26433097526

Status : Answered

Chosen Option : 1

Q.19 Select the option that expresses the given sentence in passive voice.
Who broke my glasses?

Ans ☒ 1. Who had broken my glasses?

☒ 2. Who is breaking my glasses?

☒ 3. By whom were my glasses being broken?

☒ 4. By whom were my glasses broken?

Question ID : 264330133298

Status : Answered

Chosen Option : 4

Q.20 Select the correctly spelt option that can substitute the underlined word in the given sentence.

Her duel attitude misguides everyone.

- Ans ☒ 1. daul
☒ 2. deul
☒ 3. dual
☒ 4. dwell

Question ID : 264330117185

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.

Posters are (1)_____ to promote a brand or pass (2)_____ important information. They can be used for (3)_____ purposes ranging from telling people to be cautious as the floor is wet, to informing them about an upcoming sale or event. They usually include a picture (4)_____ very few words. A suitable (5)_____ makes a poster effective and memorable.

SubQuestion No : 21

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

- Ans ☒ 1. use
☒ 2. uses
☒ 3. being use
☒ 4. used

Question ID : 264330139360

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.

Posters are (1)_____ to promote a brand or pass (2)_____ important information. They can be used for (3)_____ purposes ranging from telling people to be cautious as the floor is wet, to informing them about an upcoming sale or event. They usually include a picture (4)_____ very few words. A suitable (5)_____ makes a poster effective and memorable.

SubQuestion No : 22

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

- Ans ☒ 1. away
☒ 2. on
☒ 3. for
☒ 4. to

Question ID : 264330139361

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.

Posters are (1)_____ to promote a brand or pass (2)_____ important information. They can be used for (3)_____ purposes ranging from telling people to be cautious as the floor is wet, to informing them about an upcoming sale or event. They usually include a picture (4)_____ very few words. A suitable (5)_____ makes a poster effective and memorable.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank no. 3.**

- Ans ☒ 1. little
☒ 2. varied
☒ 3. much
☒ 4. similar

Question ID : 264330139362

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.

Posters are (1)_____ to promote a brand or pass (2)_____ important information. They can be used for (3)_____ purposes ranging from telling people to be cautious as the floor is wet, to informing them about an upcoming sale or event. They usually include a picture (4)_____ very few words. A suitable (5)_____ makes a poster effective and memorable.

SubQuestion No : 24**Q.24 Select the most appropriate option to fill in blank no. 4.**

- Ans ☒ 1. nor
☒ 2. and
☒ 3. yet
☒ 4. also

Question ID : 264330139363

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.

Posters are (1)_____ to promote a brand or pass (2)_____ important information. They can be used for (3)_____ purposes ranging from telling people to be cautious as the floor is wet, to informing them about an upcoming sale or event. They usually include a picture (4)_____ very few words. A suitable (5)_____ makes a poster effective and memorable.

SubQuestion No : 25

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

Ans ☒ 1. caption

☐ 2. anticipation

☐ 3. quotation

☐ 4. caution

Question ID : 264330139364

Status : Answered

Chosen Option : 3