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# **SSC CGL 2023 PRE**

# **ALL 39 shifts.**

**Answer Key**

**ENGLISH**



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# SSC CGL MAINS

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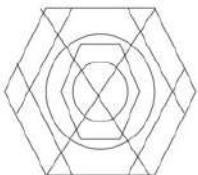


## Combined Graduate level Examination 2023 Tier I

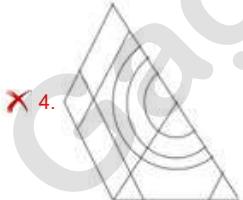
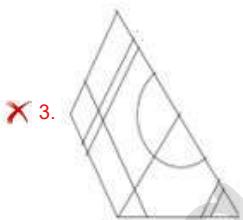
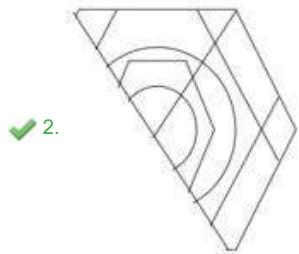
Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	TCS Gito Bitan
Exam Date	14/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

- Q.1** Select the option figure which is embedded in the given figure. (Rotation is NOT allowed).



Ans



Question ID : 26433089778

Status : Answered

Chosen Option : 2

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

1. Warriors
2. Warehouse
3. Warcraft
4. Warranty
5. Wardrobe
6. Wardenship

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

2. 3, 5, 6, 2, 1, 4

3. 3, 5, 6, 2, 4, 1

4. 3, 6, 5, 2, 4, 1

Question ID : 264330132163

Status : Answered

Chosen Option : 4

Q.3 Three statements are given, followed by four conclusions numbered I, II, III and IV.

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:

- Some desks are trays.  
Some trays are plates.  
Some plates are desks.

Conclusions:

- I. All desks are plates.
- II. All plates are desks.
- III. Some plates are trays.
- IV. All trays are desks.

Ans  1. Only conclusion III follows

2. Only conclusion IV follows

3. Only conclusion II follows

4. Only conclusion I follows

Question ID : 26433085684

Status : Answered

Chosen Option : 1

Q.4 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.)

Skin : Touch :: Nose : ?

Ans  1. Smell

2. Taste

3. Nose ring

4. Sweat

Question ID : 26433087263

Status : Answered

Chosen Option : 1

Q.5 Ganesh was taking a walk with his mother's brother's father's granddaughter. Who was he walking with?

- Ans  1. Daughter  
 2. Mother  
 3. Cousin  
 4. Granddaughter

Question ID : 264330118669

Status : Answered

Chosen Option : 1

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

T e 2 9 E K P

M \_\_\_\_\_ N

- Ans  1. T e 2 9 E K P  
 2. T e 2 9 E K P  
 3. T e 2 9 E K P  
 4. T e 2 9 E K P

Question ID : 26433091689

Status : Answered

Chosen Option : 2

Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series?

UV, OY, IB, EE, ?

- Ans  1. ZK  
 2. AH  
 3. BI  
 4. BH

Question ID : 26433057186

Status : Answered

Chosen Option : 2

Q.8 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.

- Ans  1. 20 : 11  
 2. 6 : 4  
 3. 15 : 9  
 4. 12 : 7

Question ID : 264330143704

Status : Not Answered

Chosen Option : --

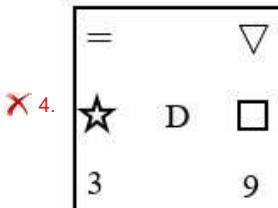
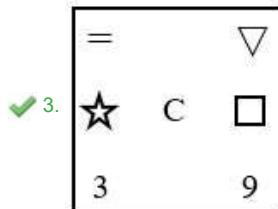
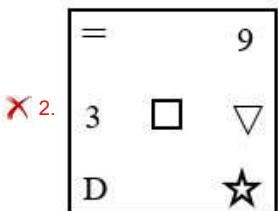
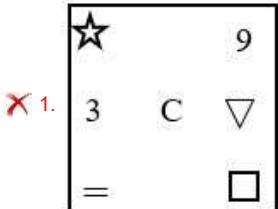
Q.9

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

$\nabla$	$\circ$	=	$\nabla$	$\square$	$D$	3	$\square$	
=	3	D	$\square$	$\circ$	9	3	$\star$	$\nabla$
$\square$	9	3	D	=	9	$\star$	D	9

?

Ans



Question ID : 264330143831

Status : Answered

Chosen Option : 2

Q.10 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

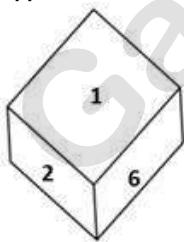


Figure 1

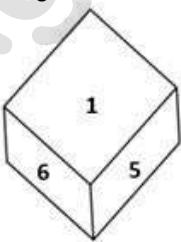


Figure 2

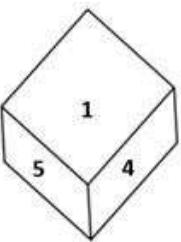


Figure 3

Ans X 1. 6

X 2. 2

✓ 3. 3

X 4. 4

Question ID : 26433069064

Status : Answered

Chosen Option : 3

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(55, 11, 25)

(64, 16, 16)

(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. (33, 11, 9)

2. (33, 11, 22)

3. (33, 11, 3)

4. (33, 11, 10)

Question ID : 26433087188

Status : Answered

Chosen Option : 1

Q.12 Select the option that is related to the sixth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster and the third letter-cluster is related to the fourth letter-cluster.

HMD : KOE :: BNQ : EPR :: ? : FLV

Ans  1. SJE

2. UJC

3. EJS

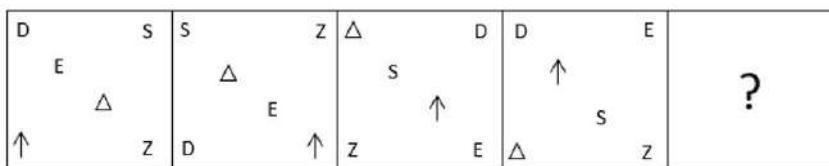
4. CJU

Question ID : 264330102977

Status : Answered

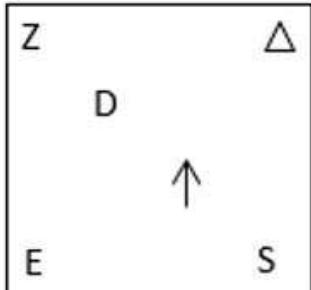
Chosen Option : 4

Q.13 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

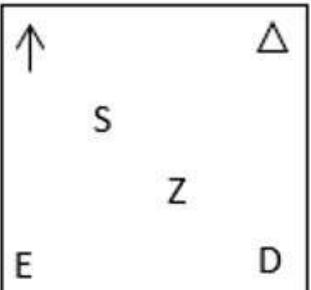


Ans

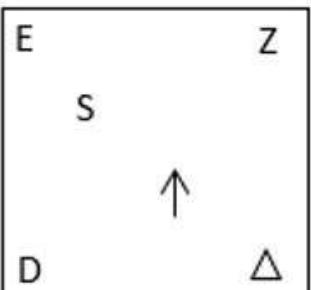
X 1.



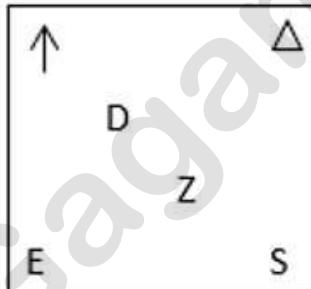
X 2.



X 3.



✓ 4.



Question ID : 26433085797

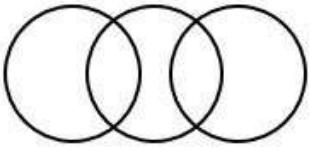
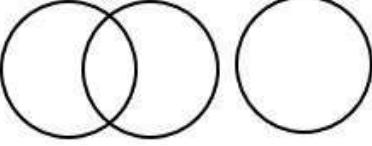
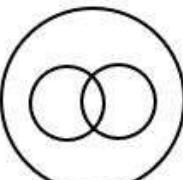
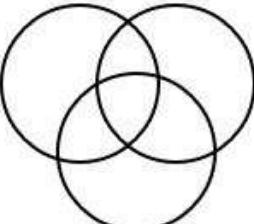
Status : Answered

Chosen Option : 2

Q.14 Select the Venn diagram that best illustrates the relationship between the following classes.

Ticket, Aeroplane, Rail

Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID : 264330145436

Status : Answered

Chosen Option : 1

Q.15 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. BFJN
  - 2. DHLR
  - 3. HJKP
  - 4. JNRV

Question ID : 264330143768

Status : Answered

Chosen Option : 3

Q.16 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$5 : 45 :: 3 : ?$

- Ans
- 1. 90
  - 2. 106
  - 3. 110
  - 4. 96

Question ID : 264330143716

Status : Answered

Chosen Option : 4

**Q.17** Which of the following numbers will replace the question mark (?) in the given series?  
 8, 15, 26, ?, 56, 75

Ans  1. 39

- 2. 41
- 3. 35
- 4. 43

Question ID : 26433085705

Status : Answered

Chosen Option : 2

**Q.18** 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.  
 $7183 : 3850 :: 6957 : ? :: 8972 : 5639$

Ans  1. 3426

- 2. 3624
- 3. 3246
- 4. 3642

Question ID : 26433078953

Status : Not Answered

Chosen Option : --

**Q.19** Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.

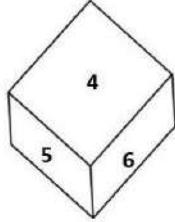


Figure 1

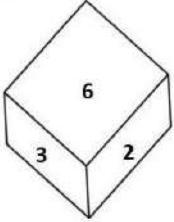


Figure 2

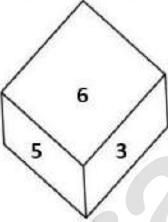


Figure 3

Ans  1. 5

- 2. 6
- 3. 2
- 4. 3

Question ID : 26433069066

Status : Answered

Chosen Option : 4

**Q.20** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.  
 $625 : 5 :: 2560 : 8 :: 5000 : ?$

Ans  1. 9

- 2. 12
- 3. 10
- 4. 15

Question ID : 26433085828

Status : Answered

Chosen Option : 3

**Q.21** In a certain code language, 'ASK' is written as '62' and 'BYE' is written as '64'. How will 'CRY' be written in that language?

- Ans  1. 68  
 2. 72  
 3. 86  
 4. 92

Question ID : 26433082572

Status : Answered

Chosen Option : 4

**Q.22** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$256 * 4 * 9 * 3 * 14 = 51$$

- Ans  1.  $\times + - \div$   
 2.  $\div \times - +$   
 3.  $\times \div + -$   
 4.  $\div - \times +$

Question ID : 264330122474

Status : Answered

Chosen Option : 4

**Q.23** Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

C L \_ V E C \_ \_ W E C L O \_ \_ C \_ O \_ E

- Ans  1. OLPXELY  
 2. OLOYELZ  
 3. OLOXFMY  
 4. OLOXELY

Question ID : 264330143756

Status : Answered

Chosen Option : 4

**Q.24** In a certain code language, 'TABLE' is coded as ELEAT and 'SWING' is coded as GNLWS. How will 'FRAME' be coded in the same language?

- Ans  1. EMERF  
 2. EMDRF  
 3. ERMDF  
 4. MEDFR

Question ID : 264330129761

Status : Answered

Chosen Option : 2

**Q.25** Which two signs should be interchanged to make the given equation correct?

$$588 \div 28 \times 32 + 72 - 160 = 760$$

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

Question ID : 264330132505

Status : Answered

Chosen Option : 1

Q.1 The length of the badminton court for singles is:

- Ans  1. 13.44 m  
 2. 13.55 m  
 3. 14 m  
 4. 13.40 m

Question ID : 264330112520

Status : Not Answered

Chosen Option : --

Q.2 Who is the Administrative Head of the Indian Audit and Accounts Department?

- Ans  1. Accountant General  
 2. Principal Accountant General  
 3. Director General  
 4. The Comptroller and Auditor General

Question ID : 264330112788

Status : Answered

Chosen Option : 4

Q.3 Which of the following is the largest pan-India scheme to strengthen health care infrastructure across the country with focus on primary, secondary and tertiary care services?

- Ans  1. LaQshya  
 2. AB-PMJAY  
 3. PM-ABHIM  
 4. PM-MI

Question ID : 264330111307

Status : Not Answered

Chosen Option : --

Q.4 Which of the following festivals is associated with the term 'ties of protection'?

- Ans  1. Baisakhi  
 2. Karwa Chauth  
 3. Chhath Pooja  
 4. Raksha Bandhan

Question ID : 264330111151

Status : Answered

Chosen Option : 4

Q.5 In October 2021, 19-year-old \_\_\_\_\_ won the silver medal at the World Wrestling Championship.

- Ans  1. Anshu Malik  
 2. Seema Bisla  
 3. Sanju Devi  
 4. Sonam Malik

Question ID : 26433086892

Status : Answered

Chosen Option : 1

Q.6 \_\_\_\_\_ emerged as the poorest state as per the first-ever Multi-dimensional Poverty Index (MPI) prepared by Niti Aayog and launched in November 2021.

- Ans  1. Bihar  
 2. Madhya Pradesh  
 3. Uttar Pradesh  
 4. Mizoram

Question ID : 26433081875

Status : Answered

Chosen Option : 1

Q.7 The consumption of fixed capital is also known as \_\_\_\_\_.

- Ans  1. depreciation  
 2. net investment  
 3. appreciation  
 4. gross investment

Question ID : 264330109372

Status : Answered

Chosen Option : 1

Q.8 The Vedic Aryans lived in the area called Sapt-Sindhu, which means area drained by seven rivers. One of the rivers among the seven is Jhelum. What was its ancient name?

- Ans  1. Askini  
 2. Parushni  
 3. Vipash  
 4. Vitasta

Question ID : 264330114803

Status : Answered

Chosen Option : 4

Q.9 In Chola administration, \_\_\_\_\_ was the assembly in the villages which were inhabited predominantly by the Brahmanas.

- Ans  1. Ur  
 2. Khilya  
 3. Nagaram  
 4. Sabha

Question ID : 264330114075

Status : Answered

Chosen Option : 1

Q.10 Which of the following states is NOT a part of the Tapi Basin?

- Ans  1. Rajasthan  
 2. Maharashtra  
 3. Madhya Pradesh  
 4. Gujarat

Question ID : 264330113288

Status : Not Answered

Chosen Option : --

Q.11 Which of the following is used as a cooling medium for the Large Hadron Collider (LHC) and the superconducting magnets in MRI scanners and NMR spectrometers?

- Ans  1. Neon  
 2. Chlorine  
 3. Argon  
 4. Helium

Question ID : 264330109906

Status : Not Answered

Chosen Option : --

Q.12 In 2018, Google Doodle celebrated the 100th birthday of Mrinalini Sarabhai. She is an exponent of which of the following dance forms?

- Ans  1. Bharatanatyam and Kathakali  
 2. Odissi and Kathak  
 3. Kuchipudi and Bharatanatyam  
 4. Yakshagana

Question ID : 26433064791

Status : Answered

Chosen Option : 3

Q.13 Bharatanatyam expresses South Indian religious themes and spiritual ideas of \_\_\_\_\_.

- Ans  1. Sufism  
 2. Shaivism  
 3. Buddhism  
 4. Jainism

Question ID : 264330109264

Status : Answered

Chosen Option : 2

Q.14 Who among the following musicians is popular for his mastery over the musical instrument Sitar?

- Ans  1. Ali Akbar Khan  
 2. Vilayat Khan  
 3. Bahadur Khan  
 4. Amjad Ali Khan

Question ID : 264330131305

Status : Answered

Chosen Option : 1

Q.15 Which of the following countries was the host of AFC Women's Asia Cup Football-2022?

- Ans  1. Japan  
 2. Bangladesh  
 3. India  
 4. China

Question ID : 26433054689

Status : Not Answered

Chosen Option : --

Q.16 Ms Bhakti Pradip Kulkarni was conferred with the Arjuna Award 2022 for her outstanding contribution in which of the following sports?

- Ans  1. Table Tennis  
 2. Chess  
 3. Badminton  
 4. Wrestling

Question ID : 264330130856

Status : Not Answered

Chosen Option : --

Q.17 Who among the following was the founder of 'Tiger Legion' or 'Free India Legion'?

- Ans  1. Vinayak Damodar Savarkar  
 2. Subhas Chandra Bose  
 3. Sohan Singh Bhakhna  
 4. Lala Hardayal

Question ID : 264330141521

Status : Answered

Chosen Option : 3

Q.18 Name a reproductive strategy in which parasites take advantage of the care of other individuals of the same species or different species to raise their young.

- Ans  1. Brood parasitism  
 2. Sexual parasitism  
 3. Klepto parasitism  
 4. Competitive parasitism

Question ID : 264330113482

Status : Not Answered

Chosen Option : --

Q.19 On the basis of tribal population (2011), identify the option that arranges the following states in ascending order.

- A. Madhya Pradesh  
B. Maharashtra  
C. Odisha

- Ans  1. (C), (B), (A)  
 2. (B), (A), (C),  
 3. (C), (A), (B)  
 4. (B), (C), (A)

Question ID : 264330132744

Status : Not Answered

Chosen Option : --

Q.20 In which industrial policy was the investment limit for tiny industry/unit increased to ₹2 lakh?

- Ans  1. 1977  
 2. 1991  
 3. 1980  
 4. 1956

Question ID : 264330109392

Status : Not Answered

Chosen Option : --

Q.21 Which scientist thought of the concept of steady state of the universe?

- Ans  1. Harold Jeffrey  
 2. Edwin Hubble  
 3. Fred Hoyle  
 4. Pierre-Simon Laplace

Question ID : 26433097111

Status : Answered

Chosen Option : 2

Q.22 Match the columns.

**Column-A (Class)**

- i. Chlorophyceae
- ii. Phaeophyceae
- iii. Rhodophyceae
- iv. Cyanophyceae

**Column-B (Common name)**

- a. Brown algae
- b. Green algae
- c. Blue-green algae
- d. Red algae

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

Question ID : 264330109913

Status : Answered

Chosen Option : 2

Q.23 Ryotwari system of revenue collection in India, introduced by the British, was based on the \_\_\_\_\_.

- Ans  1. Smith's theory of rent  
 2. Ricardian theory of rent  
 3. Malthusian theory of rent  
 4. Marx's theory of rent

Question ID : 264330109818

Status : Answered

Chosen Option : 2

Q.24 Who received the Nobel Prize in 1901 for 'recognition of the extraordinary services rendered by the discovery of the laws of chemical dynamics and osmotic pressure in solutions'?

- Ans  1. Hermann Emil Fischer  
 2. Jacobus Henricus van 't Hoff  
 3. Svante August Arrhenius  
 4. Henri Moissan

Question ID : 264330144047

Status : Not Answered

Chosen Option : --

Q.25 Which of the following Articles of the Indian Constitution are related to citizenship?

- Ans  1. Articles 15 to 21  
 2. Articles 5 to 11  
 3. Articles 2 to 4  
 4. Articles 25 to 31

Question ID : 264330144220

Status : Answered

Chosen Option : 2

Section : Quantitative Aptitude

Q.1 If A is 95% of B, then what per cent of A is B?

- Ans  1.  $110\frac{3}{19}\%$   
 2.  $104\frac{7}{19}\%$   
 3.  $108\frac{17}{19}\%$   
 4.  $105\frac{5}{19}\%$

Question ID : 26433091507

Status : Answered

Chosen Option : 4

Q.2 The marked price of mustard oil is 25% more than its cost price. At what percentage less than the marked price should it be sold to have no profit and no loss?

- Ans  1. 15%  
 2. 20%  
 3. 18%  
 4. 22%

Question ID : 26433082967

Status : Answered

Chosen Option : 2

Q.3 A can complete a piece of work in 25 days while B can complete the same work in 30 days. They work on alternate basis, starting with A. Both A and B follow this pattern for 5 days and then A leaves the work. In how many days will B finish the remaining work?

- Ans  1.  $24\frac{2}{5}$   
 2.  $5\frac{2}{5}$   
 3.  $5\frac{3}{5}$   
 4.  $24\frac{3}{5}$

Question ID : 264330108987

Status : Answered

Chosen Option : 1

**Q.4** As part of his journey, a person travels 120 km at 80 km/h, the next 100 km at 40 km/h, and comes back to the starting point at 75 km/h. The average speed of the person throughout the journey (approximately) is:

- Ans  1. 63.46 km/h  
 2. 58.74 km/h  
 3. 68.15 km/h  
 4. 49.58 km/h

Question ID : 264330103694

Status : Not Answered

Chosen Option : --

**Q.5** 8 men can complete a work in 45 days. 8 women can complete the same work in 18 days. In how many days will 5 men and 8 women, together, complete the same work?

- Ans  1.  $13\frac{1}{5}$   
 2.  $12\frac{4}{5}$   
 3.  $14\frac{2}{5}$   
 4.  $15\frac{3}{5}$

Question ID : 264330143465

Status : Not Answered

Chosen Option : --

**Q.6**  $6^{25} + 6^{26} + 6^{27} + 6^{28}$  is divisible by:

- Ans  1. 256  
 2. 254  
 3. 255  
 4. 259

Question ID : 264330145549

Status : Answered

Chosen Option : 1

**Q.7** 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 History and Geography in an examination.

Subject	Marks out of 50				
	40 and above	30 and above	20 and above	10 and above	0 and above
History	9	32	80	92	100
Geography	4	21	66	81	100
Average (Aggregate)	7	27	73	87	100

Based on the table, what is the number of students scoring less than 20% marks in aggregate?

- Ans  1. 13  
 2. 11  
 3. 10  
 4. 12

Question ID : 264330126601

Status : Answered

Chosen Option : 1

**Q.8** Two concentric circles are of radii 10 cm and 6 cm. Find the length of the chord of the larger circle which touches the smaller circle.

- Ans  1. 8 cm  
 2. 16 cm  
 3. 12 cm  
 4. 9 cm

Question ID : 264330143604

Status : Answered

Chosen Option : 3

**Q.9** If  $\sin(a + b) = 1$  and  $\cos(a - b) = \frac{1}{2}$ , then find a.

- Ans  1.  $75^\circ$   
 2.  $30^\circ$   
 3.  $15^\circ$   
 4.  $45^\circ$

Question ID : 264330126616

Status : Answered

Chosen Option : 1

**Q.10** A train 900 m long is running at 108 km/h. How long will it take to clear a 900 m long platform completely?

- Ans  1. 60 s  
 2. 45 s  
 3. 30 s  
 4. 18 s

Question ID : 26433097578

Status : Answered

Chosen Option : 1

**Q.11** If  $7b - \frac{1}{4b} = 7$ , then what is the value of  $16b^2 + \frac{1}{49b^2}$ ?

- Ans  1.  $\frac{80}{49}$   
 2.  $\frac{104}{7}$   
 3.  $\frac{120}{7}$   
 4.  $\frac{7}{2}$

Question ID : 264330130312

Status : Not Answered

Chosen Option : --

**Q.12** If  $m\angle C = m\angle Z$  and  $AC = XZ$ , then which of the following conditions is necessary for  $\triangle ABC$  and  $\triangle XYZ$  to be congruent?

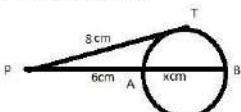
- Ans  1.  $AB = AC$   
 2.  $BC = YZ$   
 3.  $AB = XY$   
 4.  $BC = AB$

Question ID : 264330131545

Status : Answered

Chosen Option : 2

**Q.13** In the given figure,  $PAB$  is a secant and  $PT$  is a tangent to the circle from  $P$ . If  $PT = 8 \text{ cm}$ ,  $PA = 6 \text{ cm}$  and  $AB = x \text{ cm}$ , then the value of  $x$  is:



- Ans  1.  $\frac{14}{9}$   
 2.  $\frac{1}{3}$   
 3.  $\frac{14}{3}$   
 4.  $\frac{4}{3}$

Question ID : 26433075019

Status : Answered

Chosen Option : 3

**Q.14** A shopkeeper offers the following two discount schemes.

- A) Buy 3 get 4 free  
B) Buy 5 get 6 free

Which scheme has the maximum discount percentage?

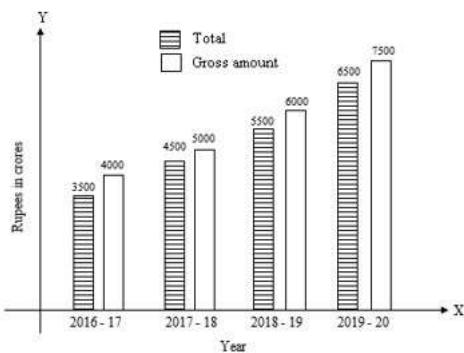
- Ans  1. A  
 2. A does not give any discount  
 3. A and B both have the same discount percentage  
 4. B

Question ID : 264330104250

Status : Answered

Chosen Option : 1

- Q.15** The following bar chart represents the gross amount (in ₹ lakhs) and total cost (in ₹ lakhs) of a firm.



In order to make a profit of 25%, what should the gross amount have been (in ₹ crores) in 2019-2020, if the total cost remained the same?

- Ans**
- 1. 7800
  - 2. 8000
  - 3. 8250
  - 4. 8125

Question ID : 264330122696

Status : Answered

Chosen Option : 4

- Q.16** In what time will ₹10,000 at 4% per annum, produce the same interest as ₹8,000 does in 4 years at 5% simple interest?

- Ans**
- 1. 5 years
  - 2. 3 years
  - 3. 4 years
  - 4. 6 years

Question ID : 264330111476

Status : Answered

Chosen Option : 3

- Q.17** A man, a boy and a woman can finish a work in 10 days, 15 days and 30 days, respectively. In how many days can the work be finished by a man, a woman and a boy when all of them work together?

- Ans**
- 1. 10
  - 2. 5
  - 3. 8
  - 4. 6

Question ID : 264330112114

Status : Answered

Chosen Option : 2

Q.18 If  $\cos \theta = \frac{\sqrt{3}}{2}$ , then  $\tan^2 \theta \cos^2 \theta = ?$

Ans

- 1.  $\frac{1}{\sqrt{3}}$
- 2.  $\frac{1}{4}$
- 3.  $\frac{1}{2}$
- 4.  $\sqrt{3}$

Question ID : 264330143600

Status : Answered

Chosen Option : 2

Q.19 What is the value of  $(3x^3 + 5x^2y + 12xy^2 + 7y^3)$ , when  $x = -4$  and  $y = -1$ ?

Ans

- 1. - 329
- 2. - 359
- 3. - 361
- 4. - 327

Question ID : 264330114553

Status : Answered

Chosen Option : 4

Q.20 If the four numbers, 39, 117, 17 and y are in proportion, then find the value of y.

Ans

- 1. 49
- 2. 51
- 3. 57
- 4. 85

Question ID : 264330103274

Status : Answered

Chosen Option : 2

Q.21 The volume of a sphere of radius 4.2 cm is:  $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans

- 1. 278.234 cm<sup>3</sup>
- 2. 312.725 cm<sup>3</sup>
- 3. 297.824 cm<sup>3</sup>
- 4. 310.464 cm<sup>3</sup>

Question ID : 264330111489

Status : Answered

Chosen Option : 4

Q.22 If  $(a + b + c) = 16$ , and  $(a^2 + b^2 + c^2) = 90$ , find the value of  $(ab + bc + ca)$ .

Ans  1. 84

2. 83

3. 82

4. 81

Question ID : 264330101342

Status : Not Answered

Chosen Option : --

Q.23 If  $\{(3 \sin \theta - \cos \theta) / (\cos \theta + \sin \theta)\} = 1$ , then the value of  $\cot \theta$  is:

Ans  1. 3

2. 0

3. 1

4. 2

Question ID : 26433075266

Status : Not Answered

Chosen Option : --

Q.24 Two runners, Sony and Mony, start running on a circular track of length 200 m at speeds of 18 and 24 km/h, respectively, in the same direction. After how much time from the start will they meet again at the starting point?

Ans  1. 120 sec

2. 110 sec

3. 100 sec

4. 90 sec

Question ID : 264330143478

Status : Not Answered

Chosen Option : --

Q.25 What will be the remainder when  $(265)^{4081} + 9$  is divided by 266?

Ans  1. 8

2. 6

3. 1

4. 9

Question ID : 264330131510

Status : Answered

Chosen Option : 1

#### Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains an error.

Neetu have been / waiting for me / since 10 o'clock / in the morning.

Ans  1. Neetu have been

2. in the morning

3. since 10 o'clock

4. waiting for me

Question ID : 26433088296

Status : Answered

Chosen Option : 1

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

Her dog can climb under the fence.

Ans  1. Over

2. Sink

3. Behind

4. Beneath

Question ID : 264330121046

Status : Answered

Chosen Option : 1

Q.3 Select the INCORRECTLY spelt word in the given sentence.

The village beggars, no longer ill at ease in the gathering of glittering dignitaries, sat in their assigned rows and joked with vegetarian Brahmin apprentices.

Ans  1. assigned

2. apprentices

3. beggars

4. glittering

Question ID : 264330108900

Status : Answered

Chosen Option : 4

Q.4 Select the option that expresses the given sentence in passive voice.

The company's board of directors will announce the financial results at the annual meeting tomorrow.

Ans  1. The financial results will have been announced by the company's board of directors at the annual meeting tomorrow.

2. The financial results are being announced by the company's board of directors at the annual meeting tomorrow.

3. The company's board of directors announced the financial results at the annual meeting tomorrow.

4. The financial results will be announced by the company's board of directors at the annual meeting tomorrow.

Question ID : 264330137480

Status : Answered

Chosen Option : 4

Q.5 Select the grammatically correct sentence.

Ans  1. The participants of the competition are waiting for their turn curiously.

2. The participants of the competition has been waiting for their turn curiously.

3. A participants of the competition is waiting for their turn curiously.

4. The participants of the competition is waiting for their turn curiously.

Question ID : 26433073773

Status : Answered

Chosen Option : 1

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

Henry is so servile that other people take advantage of him.

- Ans  1. Arrogant  
 2. Sheepish  
 3. Bickering  
 4. Cunning

Question ID : 26433087923

Status : Answered

Chosen Option : 4

Q.7 Select the option that can be used as a one-word substitute for the given group of words.

A thing fit to eat.

- Ans  1. Eligible  
 2. Digestible  
 3. Curable  
 4. Edible

Question ID : 26433086366

Status : Answered

Chosen Option : 4

Q.8 Select the most appropriate meaning of the given idiom.

Lily-livered

- Ans  1. Brave  
 2. Comical  
 3. Not brave  
 4. Naughty

Question ID : 26433089007

Status : Not Answered

Chosen Option : --

Q.9 Select the most appropriate synonym of the given word.

Zealous

- Ans  1. Enthusiastic  
 2. Detached  
 3. Apathetic  
 4. Indifferent

Question ID : 26433073693

Status : Answered

Chosen Option : 3

Q.10 Select the most appropriate option that can substitute the underlined word in the given sentence.

She had an ability to persuade others.

- Ans  1. halt  
 2. suppress  
 3. outrage  
 4. impress

Question ID : 26433092066

Status : Answered

Chosen Option : 2

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

We must remember that what we teach our children is what we inculcate in them.

- Ans  1. endanger  
 2. inspire  
 3. instil  
 4. import

Question ID : 26433098909

Status : Answered

Chosen Option : 3

Q.12 Select the option that expresses the given sentence in passive voice.

He won't receive any better choice than this from anywhere.

- Ans  1. Any better choice won't be received by him than this from anywhere.  
 2. Any better choice wouldn't have received by him than this from anywhere.  
 3. Any better choice shouldn't be received by him than this from anywhere.  
 4. Any better choice won't have been received by him than this from anywhere.

Question ID : 26433094755

Status : Answered

Chosen Option : 1

Q.13 Select the most appropriate synonym of the given word.

Feeble

- Ans  1. Unheedful  
 2. Strong  
 3. Weak  
 4. Baneful

Question ID : 26433099870

Status : Answered

Chosen Option : 3

Q.14 Select the correct spelling of the underline word.

They denied having any associasion with the terrorists.

- Ans  1. asocation  
 2. asocciation  
 3. assosiation  
 4. association

Question ID : 26433094772

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate meaning of the underlined idiom in the given sentence.  
Pooja tried to explain the problem, but soon she tied herself up in knots.

- Ans  1. Be forced to explain your actions and (probably) punished  
 2. Become very confused when you are trying to explain something  
 3. Make no progress in an argument or discussion  
 4. Won't modify an opinion or agree to even small changes that another person wants

Question ID : 26433091349

Status : Answered

Chosen Option : 2

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. In Bihar and Central India, in particular, every district had smelters that used local deposits of ore to produce iron which was widely used for the manufacture of implements and tools of daily use.  
B. The smelting was done by men while women worked on the bellows, pumping air that kept the charcoal burning.  
C. But iron smelting in India was extremely common till the end of the nineteenth century.  
D. Production of Wootz steel required a highly specialised technique of refining iron.

- Ans  1. ACDB  
 2. DCAB  
 3. BCDA  
 4. CBDA

Question ID : 264330143864

Status : Answered

Chosen Option : 2

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. He repeated the experiment, increasing the amount until he had weighed up to a thousand pounds.  
B. During the spring of 1717, the iron foundries in a remote district were often visited by a thin, middle-aged man with a notebook.  
C. Three cauldrons were next prepared under his directions.  
D. He would weigh out two pounds of iron, have them heated till they were red-hot and then weigh them again.

- Ans  1. BDAC  
 2. ABDC  
 3. BCAD  
 4. CABD

Question ID : 26433096974

Status : Not Answered

Chosen Option : --

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

She is \_\_\_\_\_ a peacock in the blue satin saree.

- Ans  1. very beautiful as  
 2. so beautiful as  
 3. as beautiful as  
 4. beautiful like

Question ID : 26433072720

Status : Answered

Chosen Option : 3

**Q.19** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A.The top band is made of saffron, which symbolises power and courage.
- B.The constituent assembly adopted our national flag, Tiranga, which means tricolour, on 22 July 1947.
- C.As a symbol of nationalism and freedom, it is fashioned from khadi, which is domestically spun Indian cotton.
- D.It features three horizontal stripes that are all the same width.

Ans  1. CBAD

2. CBDA

3. BCDA

4. BDCA

Question ID : 26433096979

Status : Answered

Chosen Option : 3

**Q.20** Select the most appropriate homonym to fill in the blank.

The hunter dogs followed the hyena's \_\_\_\_\_.

Ans  1. sense

2. scent

3. cense

4. cents

Question ID : 264330142390

Status : Answered

Chosen Option : 2

#### Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) \_\_\_\_\_ a unique blessing, which in turn depends on the (2) \_\_\_\_\_ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) \_\_\_\_\_ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) \_\_\_\_\_ , we are unable to develop any love for the Divine. And religion like the white light of heavens (5) \_\_\_\_\_ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

**SubQuestion No : 21**

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

Ans  1. considering

2. to consider

3. considered

4. consider

Question ID : 264330139174

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) \_\_\_\_\_ a unique blessing, which in turn depends on the (2) \_\_\_\_\_ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) \_\_\_\_\_ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) \_\_\_\_\_ , we are unable to develop any love for the Divine. And religion like the white light of heavens (5) \_\_\_\_\_ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

**SubQuestion No : 22**

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

- Ans  1. witness  
 2. known  
 3. awareness  
 4. aware

Question ID : 264330139175

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) \_\_\_\_\_ a unique blessing, which in turn depends on the (2) \_\_\_\_\_ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) \_\_\_\_\_ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) \_\_\_\_\_ , we are unable to develop any love for the Divine. And religion like the white light of heavens (5) \_\_\_\_\_ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

**SubQuestion No : 23**

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

- Ans  1. Since  
 2. From  
 3. As per  
 4. For

Question ID : 264330139176

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) \_\_\_\_\_ a unique blessing, which in turn depends on the (2) \_\_\_\_\_ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) \_\_\_\_\_ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) \_\_\_\_\_ , we are unable to develop any love for the Divine. And religion like the white light of heavens (5) \_\_\_\_\_ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

**SubQuestion No : 24**

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

Ans  1. As a result

2. As a reaction

3. Causing

4. As a reason

Question ID : 264330139177

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) \_\_\_\_\_ a unique blessing, which in turn depends on the (2) \_\_\_\_\_ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) \_\_\_\_\_ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) \_\_\_\_\_ , we are unable to develop any love for the Divine. And religion like the white light of heavens (5) \_\_\_\_\_ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

**SubQuestion No : 25**

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

Ans  1. break into

2. breaks to

3. break from

4. breaks into

Question ID : 264330139178

Status : Answered

Chosen Option : 4

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	iON Digital Zone Ganga Nagar Meerut
Exam Date	14/07/2023
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

- Q.1 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

MN \_\_ SM \_\_ PO \_\_ N \_\_ OSM \_\_ P \_\_ S

Ans  1. PONSMPNO

2. PNOSMPNO

3. PONMSPNO

4. PONSNOMP

Question ID : 26433090007

Status : Answered

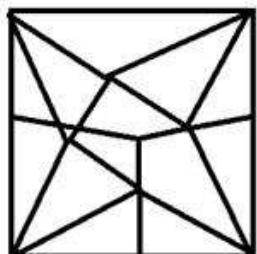
Chosen Option : 1

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

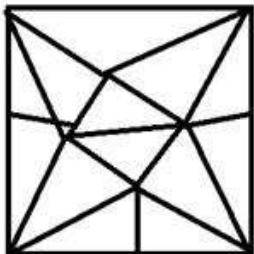


Ans

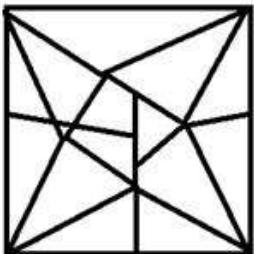
✓ 1.



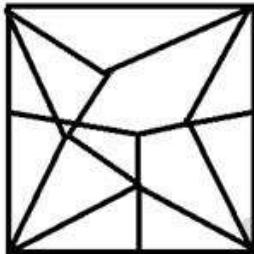
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433057370

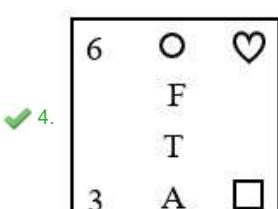
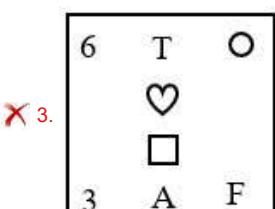
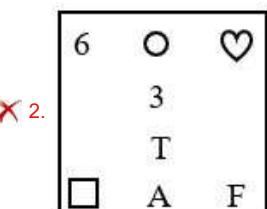
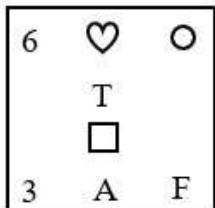
Status : Answered

Chosen Option : 1

- Q.3** Select the figure that will replace the question mark (?) in the following figure series.

3	F	□	□	O	A	A	□	O	O	♡	6	?
				F			♡			□		
					3		6			A		
6	T	♡	♡	6	T	T	3	F	F	T	3	

Ans



Question ID : 264330143829

Status : Answered

Chosen Option : 4

- Q.4** Which number should replace the question mark (?) in the following number series?  
39, 42, 48, 57, 69, ?, 102

Ans

X 1. 87

X 2. 79

X 3. 81

✓ 4. 84

Question ID : 26433090125

Status : Answered

Chosen Option : 4

Q.5 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)

- (8, 44, 3)  
(12, 60, 3)

Ans  1. (12, 68, 5)

2. (8, 50, 2)

3. (17, 56, 9)

4. (23, 98, 5)

Question ID : 26433079124

Status : Answered

Chosen Option : 1

Q.6 Which of the following numbers will replace the question mark (?) in the given series?

33, 80, 108, ?, 183, 230, 258

Ans  1. 160

2. 155

3. 143

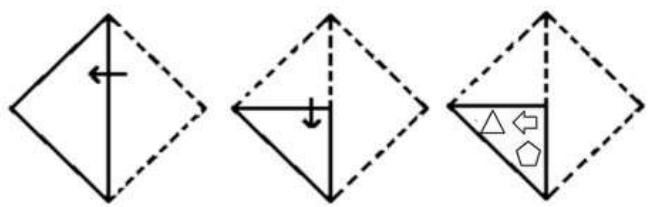
4. 138

Question ID : 264330103125

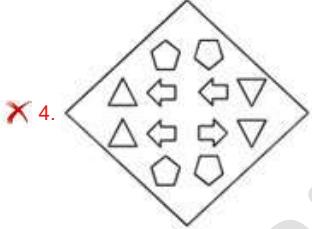
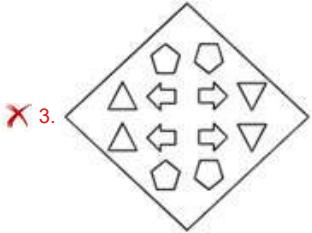
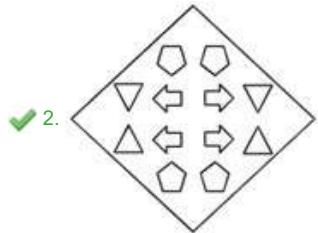
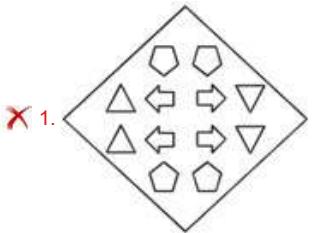
Status : Answered

Chosen Option : 2

**Q.7** A paper is folded and cut as shown below. How will it appear when unfolded?



**Ans**



Question ID : 26433080557

Status : Answered

Chosen Option : 2

**Q.8** Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

$$150 * 3 * 10 * 2 * 7 * 46$$

**Ans** **✓ 1.**  $\div, +, -, \times, =$

**X 2.**  $- , \times , + , \div , =$

**X 3.**  $+ , - , \div , \times , =$

**X 4.**  $\times , + , \div , - , =$

Question ID : 264330123255

Status : Answered

Chosen Option : 1

**Q.9** Select the set in which the numbers are related in the same way as the numbers of the given 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.)  
 (31, 47, 35)  
 (51, 67, 55)

- Ans  1. (33, 47, 35)  
 2. (32, 39, 27)  
 3. (13, 29, 17)  
 4. (21, 36, 35)

Question ID : 26433069103

Status : Answered

Chosen Option : 3

**Q.10** Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



- Ans  1. W n s b g 1 A S  
 2. W n s b g 1 A S  
 3. W n s b g l A S  
 4. W u s b g l A S

Question ID : 26433070257

Status : Answered

Chosen Option : 1

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

- Ans  1. Kidney  
 2. Heart  
 3. Lungs  
 4. Brain

Question ID : 26433067809

Status : Answered

Chosen Option : 2

Q.12 Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

\_ V J R W B \_ \_ R W B V L \_ \_ B V \_ \_ W

Ans  1. A V K R W M R

2. A W K R X N R

3. B V K R W M R

4. B W K R W M R

Question ID : 264330143751

Status : Answered

Chosen Option : 3

Q.13 Three statements are given, followed by four conclusions numbered I, II, III and IV.

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:

Some coolers are mixers.

Some mixers are scissors.

Some scissors are knives.

Conclusions:

I. Some knives are mixers.

II. Some scissors are coolers.

III. Some knives are coolers.

IV. No knife is a mixer.

Ans  1. Only conclusions III and IV follow

2. Only conclusions I and III follow

3. None of the conclusions follow

4. Only conclusions II and IV follow

Question ID : 264330145439

Status : Answered

Chosen Option : 3

Q.14 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.

NHT : PEX :: KDF : MAJ :: UMR : ?

Ans  1. WJV

2. VJW

3. WPN

4. XIW

Question ID : 264330102972

Status : Answered

Chosen Option : 1

Q.15 Which of the following is a leap year?

Ans  1. 1076

2. 1675

3. 1354

4. 1998

Question ID : 26433067253

Status : Answered

Chosen Option : 1

**Q.16** Pointing to Suresha, I said, "She is the daughter of the brother of the son of my wife." How am I related to Suresha?

- Ans  1. Grandmother  
 2. Grand aunt  
 3. Grandfather  
 4. Grand uncle

Question ID : 264330106103

Status : Answered

Chosen Option : 3

**Q.17** Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.

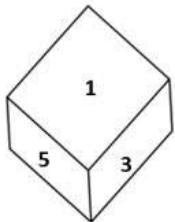


Figure 1

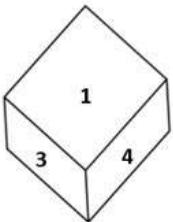


Figure 2

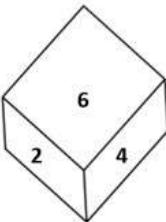


Figure 3

- Ans  1. 6  
 2. 5  
 3. 1  
 4. 2

Question ID : 26433069437

Status : Answered

Chosen Option : 2

**Q.18** 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.

WOODLAND : ZIRXOUQX :: PERIODIC : SYUCRXLW :: MAGAZINE : ?

- Ans  1. HERDWBMO  
 2. LPWXSYCZ  
 3. NSCAQOLP  
 4. PUJUCCQY

Question ID : 26433069031

Status : Answered

Chosen Option : 4

**Q.19** Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?

- Ans  1. 36 : 13 : 7  
 2. 16 : 9 : 5  
 3. 72 : 16 : 8  
 4. 1 : 3 : 2

Question ID : 264330143693

Status : Answered

Chosen Option : 3

Q.20 Which two signs should be interchanged to make the given equation correct?  
 $294 + 14 \times 4 \div 16 - 67 = 33$

Ans  1. + and  $\div$

2.  $\times$  and  $\div$

3. + and -

4. - and +

Question ID : 26433059948

Status : Answered

Chosen Option : 1

Q.21 Three of the following four letter-clusters are alike in a certain way and one is different.  
Pick the odd one out.

Ans  1. KPH

2. GTD

3. DWA

4. EVC

Question ID : 26433092557

Status : Answered

Chosen Option : 4

Q.22 Select the set in which the numbers are related in the same way as are the numbers of  
the given 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)

(14, 378, 9)

(18, 432, 8)

Ans  1. (5, 125, 8)

2. (15, 405, 9)

3. (15, 305, 7)

4. (11, 265, 8)

Question ID : 264330130210

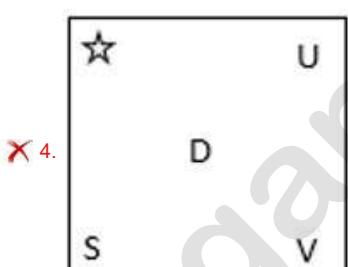
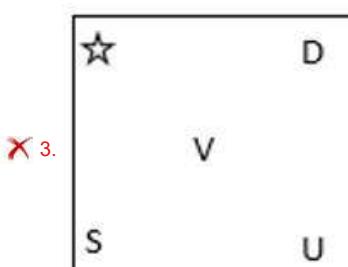
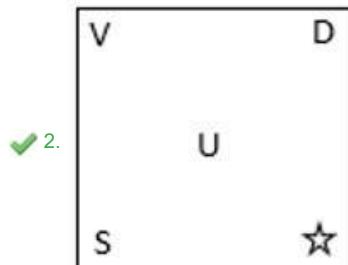
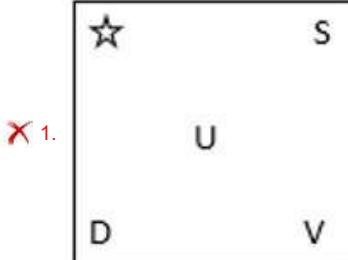
Status : Answered

Chosen Option : 2

Q.23 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

☆	D	D	V	U	D	D	☆	
S	V	U	U	S	S	V	V	S
								?

Ans



Question ID : 26433085787

Status : Answered

Chosen Option : 2

**Q.24** 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 rice are grains.
- All pulses are grains.
- All grains are edibles.

**Conclusions:**

- I. All rice are edibles.
- II. All pulses are edible.
- III. Some edibles are grains.

**Ans**  1. All conclusions follow

- 2. Only conclusions II and III follow
- 3. Only conclusions I and II follow
- 4. Only conclusions I and III follow

Question ID : 26433090921

Status : Answered

Chosen Option : 1

**Q.25** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Strident
- 2. Student
- 3. Shirking
- 4. Stuffy
- 5. Spider
- 6. Spawn

**Ans**  1. 3, 6, 5, 1, 2, 4

- 2. 3, 5, 6, 1, 2, 4
- 3. 3, 6, 5, 1, 4, 2
- 4. 3, 5, 6, 1, 4, 2

Question ID : 264330129459

Status : Answered

Chosen Option : 1

#### Section : General Awareness

**Q.1** Which of the following musical instruments were played by the musicians such as Shakoor Khan and Pandit Ram Narayan?

**Ans**  1. Sarangi

- 2. Shehnai
- 3. Guitar
- 4. Veena

Question ID : 264330130500

Status : Not Answered

Chosen Option : --

**Q.2** According to IBEF 2021, the Indian pharmaceutical industry ranks \_\_\_\_ in the world on the basis of volume.

**Ans**  1. 9<sup>th</sup>

- 2. 5<sup>th</sup>
- 3. 11<sup>th</sup>
- 4. 3<sup>rd</sup>

Question ID : 264330111310

Status : Answered

Chosen Option : 4

Q.3 When did Linus Carl Pauling receive the Nobel Prize in Chemistry for 'his research into the nature of the chemical bond and its applications to the elucidation of the structure of complex substances'?

- Ans  1. 1954  
 2. 1950  
 3. 1956  
 4. 1958

Question ID : 264330144051

Status : Not Answered

Chosen Option : --

Q.4 Daskathia of \_\_\_\_\_ is the tribal dance performed by two males depicting the historic and Puranic events.

- Ans  1. Uttar Pradesh  
 2. Gujarat  
 3. Goa  
 4. Odisha

Question ID : 264330106187

Status : Answered

Chosen Option : 4

Q.5 KA Najeeb Vs Union of India case deals with violation of rights under \_\_\_\_\_.

- Ans  1. Article 16  
 2. Article 21  
 3. Article 14  
 4. Article 19

Question ID : 26433061849

Status : Not Answered

Chosen Option : --

Q.6 Which of the following is the red algae?

- Ans  1. Rhodophyceae  
 2. Chlorophyceae  
 3. Liverwort  
 4. Phaeophyceae

Question ID : 26433066476

Status : Not Answered

Chosen Option : --

Q.7 What will be the atomic number of an element X which is placed in period 2 and group 17?

- Ans  1. 8  
 2. 7  
 3. 10  
 4. 9

Question ID : 264330109902

Status : Answered

Chosen Option : 2

Q.8 In which two consecutive years was there no chief guest at the Republic Day celebrations of India?

- Ans  1. 2021 and 2022  
 2. 2019 and 2020  
 3. 2020 and 2021  
 4. 2018 and 2019

Question ID : 264330111143

Status : Answered

Chosen Option : 1

Q.9 Fisher's quantity theory is explained by his famous equation given as \_\_\_\_\_.

- Ans  1.  $MP = VT$   
 2.  $MV = PT$   
 3.  $MT = PV$   
 4.  $PV = MV$

Question ID : 264330109971

Status : Answered

Chosen Option : 2

Q.10 Before the rise of the modern industrial system, Indian exports consisted chiefly of manufactures like \_\_\_\_\_.

- Ans  1. electricals  
 2. chemicals  
 3. light machinery  
 4. cotton and silk fabrics

Question ID : 264330112478

Status : Answered

Chosen Option : 4

Q.11 The Kanchenjunga peak is located in which sub-division of Himalaya from the following?

- Ans  1. Kashmir Himalayas  
 2. Darjeeling and Sikkim Himalayas  
 3. Himachal and Uttarakhand Himalayas  
 4. Arunachal Himalayas

Question ID : 264330119233

Status : Answered

Chosen Option : 2

Q.12 Guru Bipin Singh, a Nrityacharya awardee, Sangeet Natak Akademi awardee and Kalidas Samman awardee, was renowned for promoting which classical dance form?

- Ans  1. Manipuri  
 2. Kuchipudi  
 3. Odissi  
 4. Kathak

Question ID : 26433055429

Status : Not Answered

Chosen Option : --

**Q.13 Who holds the authority of transferring judges from one High court to another High Court?**

- Ans  1. The senior most judge of Supreme Court  
 2. The chief justice of India  
 3. The President of India  
 4. The law minister of India

Question ID : 264330114407

Status : Answered

Chosen Option : 3

**Q.14 \_\_\_\_\_ is the process of complete or incomplete oxidation or hydrolysis of fats and oils when exposed to air, light, moisture, or bacterial action that spoils food.**

- Ans  1. Rancidification  
 2. Hydrogenation  
 3. Auto-oxidation  
 4. Auto reduction

Question ID : 264330110030

Status : Answered

Chosen Option : 1

**Q.15 Which of the following is a Tibeto-Burmese language?**

- Ans  1. Odia  
 2. Tripuri  
 3. Assamese  
 4. Tulu

Question ID : 264330109504

Status : Answered

Chosen Option : 2

**Q.16 Who among the following was the author of the play 'Mrichchhakatika'?**

- Ans  1. Kalidasa  
 2. Amarasimha  
 3. Shudraka  
 4. Bhasa

Question ID : 264330113560

Status : Answered

Chosen Option : 1

**Q.17 Select the FALSE statement from the given options.**

- Ans  1. Baikal rocks are formed from the dissolved materials that precipitate from the solution.  
 2. The sedimentary rocks are formed by the deposition and subsequent cementation of that material within bodies of water and at the surface of the earth.  
 3. Metamorphic rocks may be formed simply by being deep beneath the Earth's surface, subjected to high temperatures and the great pressure of the rock layers above it.  
 4. Igneous rock is formed through the cooling and solidification of magma or lava.

Question ID : 26433064190

Status : Not Answered

Chosen Option : --

Q.18 Pathans in North-West India organised the society of Khudai Khidmatgars, popularly known as Red Shirt, under whose leadership?

Ans  1. Muhammad Ali

2. MA Ansari

3. Khan Abdul Ghaffar Khan

4. Hasrat Mohani

Question ID : 264330132675

Status : Answered

Chosen Option : 3

Q.19 In which of the following States/Union Territories were the 36<sup>th</sup> National Games held?

Ans  1. Rajasthan

2. New Delhi

3. Gujarat

4. Kerala

Question ID : 264330113750

Status : Answered

Chosen Option : 3

Q.20 Which of the following was established in Bombay in 1875?

Ans  1. Satyashodhak Samaj

2. Aligarh movement

3. Brahma Samaj

4. Arya Samaj

Question ID : 264330111413

Status : Answered

Chosen Option : 4

Q.21 Which of the following options conveys the meaning of the word 'Republic' in the Indian Constitution?

Ans  1. Elected head

2. Nominated head

3. Subordinate head

4. Hereditary head

Question ID : 264330110557

Status : Answered

Chosen Option : 1

Q.22 Who among the following was defeated in the battle of Chanderi in 1528?

Ans  1. Shershah Suri

2. Babur

3. Sikandar Lodi

4. Medini Rai

Question ID : 264330111390

Status : Answered

Chosen Option : 4

Q.23 The venue of the 2020 Olympic Games was \_\_\_\_\_.

- Ans  1. Sydney  
 2. Rio  
 3. Tokyo  
 4. Los Angeles

Question ID : 264330110352

Status : Answered

Chosen Option : 3

Q.24 When was the International Day of the Girl Child 2021 celebrated?

- Ans  1. 14 October  
 2. 12 October  
 3. 13 October  
 4. 11 October

Question ID : 26433069808

Status : Answered

Chosen Option : 1

Q.25 In January 2022, which State Government has extended its integrated initiative for the empowerment of persons with disabilities (PwDs) — the Bhima Bhoi Bhinnakhyama Samarthyabhiyan (BBSA) — for the next five years?

- Ans  1. Odisha  
 2. Manipur  
 3. Jharkhand  
 4. West Bengal

Question ID : 26433055575

Status : Not Answered

Chosen Option : --

#### Section : Quantitative Aptitude

Q.1 In a race around a circular cycling track of 75 km, two cyclists are riding at a speed of 30 km/h and 25 km/h. After what time (in hours) will they meet at the point from where they started their journey?

- Ans  1. 16  
 2. 7  
 3. 14  
 4. 15

Question ID : 264330119532

Status : Answered

Chosen Option : 4

Q.2 P is two times more efficient than Q. P is able to complete a piece of work in 40 days less than Q. Working together, the whole number of days taken by them to complete the work is:  
(Round off to the nearest integer)

- Ans  1. 26  
 2. 25  
 3. 27  
 4. 28

Question ID : 264330110270

Status : Answered

Chosen Option : 3

**Q.3** In an election, 2% persons enrolled in the voter list did not participate and 500 votes were invalid. Two candidates A and B fought the election, and A defeated B by 200 votes. If 43% of the persons enrolled in the voter list casted their votes in favour of A, then what is the number of the total casted votes?

- Ans  1. 2450  
 2. 2800  
 3. 3000  
 4. 3250

Question ID : 264330130405

Status : Not Answered

Chosen Option : --

**Q.4** Evaluate the following.  
 $\sin 25^\circ \sin 65^\circ - \cos 25^\circ \cos 65^\circ$ .

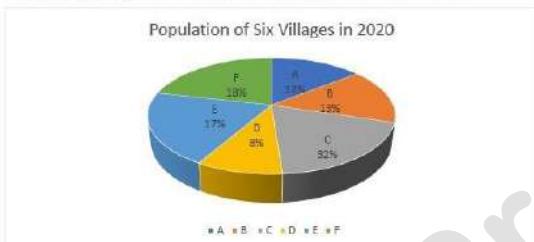
- Ans  1. 40  
 2. 4  
 3. 0  
 4. 1

Question ID : 264330143578

Status : Answered

Chosen Option : 3

**Q.5** Study the given pie chart and answer the question that follows.



The population of village D in 2020 was 10,500. What was the population of village A in 2020? Total population of these six villages is 100%.

- Ans  1. 15,570  
 2. 15,750  
 3. 17,550  
 4. 7,875

Question ID : 26433076217

Status : Answered

Chosen Option : 2

**Q.6** What is the value of  $64x^3 + 38x^2y + 20xy^2 + y^3$ , when  $x = 3$  and  $y = -4$ ?

- Ans  1. 1236  
 2. 488  
 3. 536  
 4. 1256

Question ID : 264330114550

Status : Answered

Chosen Option : 4

Q.7 X and Y can complete a work in 9 days and 36 days, respectively. X begins to do the work and they work alternately one at a time for one day each. The whole work will be complete in:

Ans

1.  $12\frac{1}{2}$  days

2.  $14\frac{1}{4}$  days

3.  $13\frac{1}{3}$  days

4.  $15\frac{1}{5}$  days

Question ID : 264330106024

Status : Answered

Chosen Option : 2

Q.8 A shopkeeper uses 940 gm weight in place of one kg weight. He sells it at 4% profit. What will be the actual profit percentage? (rounded off to two decimal places)

Ans

1. 9.25%

2. 10.32%

3. 10.64%

4. 10.96%

Question ID : 26433082381

Status : Answered

Chosen Option : 4

Q.9 If D is the midpoint of BC in  $\triangle ABC$  and  $\angle A = 90^\circ$ , then  $AD = \underline{\hspace{2cm}}$ .

Ans

1.  $\frac{BC}{4}$

2.  $2BC$

3.  $\frac{BC}{2}$

4.  $BC$

Question ID : 264330143566

Status : Answered

Chosen Option : 3

Q.10 In what ratio must water be mixed with milk, costing ₹32 per litre, in order to get a mixture costing ₹28 per litre?

Ans

1. 8 : 1

2. 1 : 7

3. 1 : 8

4. 7 : 1

Question ID : 264330103934

Status : Answered

Chosen Option : 2

Q.11 5 women and 9 girls earn a total of ₹18,720 in 9 days, while 9 women and 16 girls earn a total of ₹ 52,080 in 14 days. How much will 12 women and 7 girls together earn (in ₹) in 13 days?

- Ans  1. 42500  
 2. 41990  
 3. 42380  
 4. 42120

Question ID : 264330114530

Status : Answered

Chosen Option : 4

Q.12 An electronic store owner allows two successive discounts of 20% and 25% on each item. The store has a reward points scheme which enables a customer to get free shopping worth ₹0.10 on every 1 reward point credited to the customer's account on previous purchases from the store. A customer decides to buy a laptop that is marked at ₹72,000. What will be its net selling price if he has 2850 reward points to his credit?

- Ans  1. ₹43,200  
 2. ₹42,915  
 3. ₹42,215  
 4. ₹42,942

Question ID : 264330103540

Status : Answered

Chosen Option : 2

Q.13 What is the value of  $a^3 + b^3 + c^3$  if  $(a + b + c) = 0$ ?

- Ans  1.  $a^2 + b^2 + c^2 - 3abc$   
 2. 0  
 3.  $3abc$   
 4.  $a^2 + b^2 + c^2 - ab - bc - ca$

Question ID : 264330130054

Status : Answered

Chosen Option : 3

Q.14 Evaluate the following:  
 $\cos(36^\circ + A).\cos(36^\circ - A) + \cos(54^\circ + A).\cos(54^\circ - A)$

- Ans  1.  $\sin 2A$   
 2.  $\cos A$   
 3.  $\sin A$   
 4.  $\cos 2A$

Question ID : 26433076061

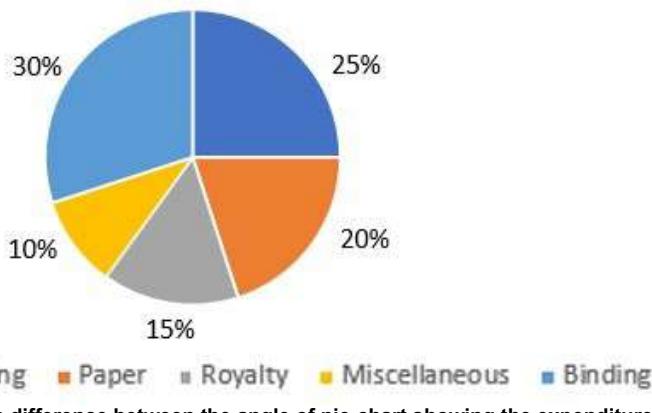
Status : Answered

Chosen Option : 4

**Q.15** Study the given pie-chart and answer the question that follows.

The pie-chart shows the expenditure incurred in the preparation of a book by a publisher, under various heads.

Expenditure in book publishing



What is the difference between the angle of pie-chart showing the expenditure incurred on binding and printing?

Ans

- 1. 15°
- 2. 20°
- 3. 18°
- 4. 22°

Question ID : 264330131355

Status : Answered

Chosen Option : 3

**Q.16** If the total surface area of a cube is 24 sq.units, then what is the volume of the cube?

Ans

- 1. 8 cu.units
- 2. 16 cu.units
- 3. 10 cu.units
- 4. 4 cu.units

Question ID : 26433082732

Status : Answered

Chosen Option : 1

**Q.17** Find the simplified value of the given expression.

$$4\frac{4}{5} \div \frac{3}{5} \text{ of } 5 + \frac{4}{5} \times \frac{3}{10} - \frac{1}{5}$$

Ans

- 1.  $1\frac{4}{5}$
- 2. 5
- 3.  $1\frac{16}{25}$
- 4. 6

Question ID : 26433065257

Status : Answered

Chosen Option : 3

Q.18 Let ABC, PQR be two congruent triangles such that angle A = angle P =  $90^\circ$ . If BC = 13cm, PR = 5cm, find AB.

Ans  1. 12 cm

2. 8 cm

3. 10 cm

4. 5 cm

Question ID : 264330131360

Status : Answered

Chosen Option : 1

Q.19 The mean proportion between 7 and 112 is:

Ans  1. 42

2. 28

3. 21

4. 14

Question ID : 264330103672

Status : Answered

Chosen Option : 2

Q.20 4 women or 6 boys can finish a work in the same number of days. A man can finish it in 60 days. In how many days can 5 women finish the work, working together every day?

Ans  1. 4

2. 10

3. 8

4. 6

Question ID : 264330130181

Status : Not Answered

Chosen Option : --

Q.21 A 15 cm long perpendicular is drawn from the centre of a circle to its 40 cm long chord. Find the radius of the circle.

Ans  1. 25 cm

2. 27 cm

3. 22 cm

4. 20 cm

Question ID : 26433083005

Status : Answered

Chosen Option : 1

Q.22 What is the value of  $\sec^2 54^\circ - \cot^2 36^\circ + \frac{3}{2} \sin^2 37^\circ \times \sec^2 53^\circ + \frac{2}{\sqrt{3}} \tan 60^\circ$ ?

Ans

- 1.  $\frac{5}{2}$
- 2.  $\frac{9}{2}$
- 3.  $\frac{3}{2}$
- 4.  $\frac{7}{2}$

Question ID : 264330130048

Status : Answered

Chosen Option : 2

Q.23 If the simple interest at the same interest rate on ₹500 for 4 years and ₹700 for 2 years, combined together, is ₹280, then what is the rate of interest?

Ans

- 1.  $9\frac{3}{17}\%$
- 2.  $6\frac{5}{17}\%$
- 3.  $8\frac{4}{17}\%$
- 4.  $7\frac{3}{17}\%$

Question ID : 264330112848

Status : Answered

Chosen Option : 3

Q.24 A thief steals a van at 3:00 a.m. and drives it at a speed of 57 km/h. The thief is discovered at 4:00 a.m. and the owner starts the chase with another van at a speed of 76 km/h. At what time will he catch the thief?

Ans

- 1. 7:30 a.m.
- 2. 7:00 p.m.
- 3. 7:00 a.m.
- 4. 6:00 a.m.

Question ID : 264330130960

Status : Answered

Chosen Option : 3

Q.25 The present age of Rahim is five times the present age of his daughter, Savita. Seven years from now, Rahim will be three times as old as Savita. What is the present age (in years) of Rahim?

Ans

- 1. 45
- 2. 35
- 3. 40
- 4. 30

Question ID : 264330145544

Status : Answered

Chosen Option : 2

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence.

The boys and the teacher wants to win.

- Ans  1. wants to won  
 2. want to won  
 3. want win  
 4. want to win

Question ID : 26433093024

Status : Answered

Chosen Option : 4

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

He was compelled by everyone to join the group.

- Ans  1. Demur  
 2. Obscured  
 3. Confessed  
 4. Induced

Question ID : 26433084669

Status : Answered

Chosen Option : 1

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

To kick the bucket

- Ans  1. To be ill  
 2. Be sad  
 3. Be happy  
 4. To die

Question ID : 26433092866

Status : Answered

Chosen Option : 4

Q.4 Identify and correct the INCORRECTLY spelt word in the given sentence.

The Collector paid floral tributes to the statue of Mahatma Gandhi after hosting the flag.

- Ans  1. floaral  
 2. stateu  
 3. trebutes  
 4. hoisting

Question ID : 26433099657

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the underlined word.

Do you know the old adage 'the show must go on'?

- Ans  1. Misconstruction  
 2. Rebuke  
 3. Dare  
 4. Addiction

Question ID : 26433058334

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate option to fill in the blank.

She reminds me always that I \_\_\_\_\_ to be a little more careful.

- Ans  1. had  
 2. have  
 3. must  
 4. has

Question ID : 26433089303

Status : Answered

Chosen Option : 2

Q.7 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

Mr. Khanna is quite \_\_\_\_\_ (callous) towards the victims of earthquake.

- Ans  1. rationalistic  
 2. unsympathetic  
 3. sympathetic  
 4. nondiplomatic

Question ID : 264330141150

Status : Answered

Chosen Option : 3

Q.8 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up and named P, Q, R, S. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

(S1) Newspapers, especially of the popular variety, aim to do two things: to inform and to entertain.

(P) Entertainment may be principally found in the centre pages of the newspaper in some of the feature articles and in some local news stories.

(Q) The principal aim of the short news report on the front pages is to inform.

(R) Most newspapers are published daily, and the news reporters must make sure that they have up-to-the minute news.

(S) In their news reports they will aim to create a sense of immediacy, to convey the impression that they have 'rushed' the news to the reader and 'that the information contained is the very latest.'

(S6) Reporters also wish to create a sense of authenticity, that is, that their news is accurate and genuine.

- Ans  1. Q, S, R, P  
 2. R, P, S, Q  
 3. S, R, P, Q  
 4. P, Q, R, S

Question ID : 26433073269

Status : Not Answered

Chosen Option : --

Q.9 Select the most appropriate synonym of the given word from the sentence.

Ready

She was preparing dinner in an organised manner using well-equipped tools while listening to the radio.

- Ans  1. Preparing  
 2. Listening  
 3. Organised  
 4. Equipped

Question ID : 264330137244

Status : Answered

Chosen Option : 1

Q.10 Identify how you will ask everyone if the children were not reading the books in passive voice.

- Ans  1. Were the books being read by the children?  
 2. Were the books not being read by the children?  
 3. Were the book not being read by the children?  
 4. Were the children reading the books?

Question ID : 264330121854

Status : Answered

Chosen Option : 2

Q.11 Select the most appropriate synonym of the given word.

Hostile

- Ans  1. Pleasant  
 2. Hospitable  
 3. Empathetic  
 4. Unfriendly

Question ID : 26433073696

Status : Answered

Chosen Option : 4

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The fact that God created man in his personal view by giving him an intellectual spirit elevates him above the beasts of the field.

- Ans  1. own glory  
 2. own capacity  
 3. own image  
 4. own idea

Question ID : 26433098907

Status : Answered

Chosen Option : 2

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

- A. During the summer, I noticed that the leaves of the tree were beginning to wither.  
B. I am especially proud of it, not only because it has survived several winters, but because it occasionally produces luscious peaches.  
C. The tree had grown against a warm wall on a sheltered side of the house.  
D. Last summer, I spent many days in the garden watching thousands of ants crawling up the trunk of my prize peach tree.

- Ans  1. DCBA  
 2. ABCD  
 3. CDBA  
 4. BDAC

Question ID : 26433096961

Status : Not Answered

Chosen Option : --

Q.14 Select the option that expresses the given sentence in active voice.

Was the bag packed by Mary?

- Ans  1. Was Mary pack the bag?  
 2. Is Mary packing the bag?  
 3. Do Mary pack the bag?  
 4. Did Mary pack the bag?

Question ID : 264330141137

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate ANTONYM of the word 'Optimistic' from the given sentence.

After the incident, Radha prepared herself to stay positive even in gloomy days.

- Ans  1. stay  
 2. incident  
 3. positive  
 4. gloomy

Question ID : 26433089834

Status : Answered

Chosen Option : 4

Q.16 The following sentence has been divided into parts. One of them may contain an error.

Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

After knowing truth, / the jury took the right decision / in the case.

- Ans  1. The jury took the right decision  
 2. In the case  
 3. After knowing truth  
 4. No error

Question ID : 264330123039

Status : Answered

Chosen Option : 3

Q.17 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.

A lot of spontaneity is required from the speaker in an extempore speech. The speaker is expected to brainstorm ideas and give speech instantaneously.

- Ans  1. instantaneously  
 2. extempore  
 3. brainstorm  
 4. spontaneity

Question ID : 264330123792

Status : Answered

Chosen Option : 3

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

A person who believes that laws and governments are not necessary.

- Ans  1. Antagonist  
 2. Antichrist  
 3. Anarchist  
 4. Adversary

Question ID : 26433087906

Status : Answered

Chosen Option : 3

Q.19 Select the most appropriate meaning of the given idiom.

Miss the boat

- Ans  1. Missing a good opportunity  
 2. Missing your medium of travel  
 3. Missing good moments of your life  
 4. Being too late

Question ID : 26433090463

Status : Answered

Chosen Option : 1

Q.20 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. The outcome is much more likely to be favourable if there is substantial international aid than if there is not.  
B. Many of the underdeveloped countries will promote the growth of their economies in one way or the other, no matter whether they receive substantial outside aid in the process or not.  
C. By substantial aid I mean not only large amounts of technical assistance but also of capital.  
D. The character of that development, however, is likely to be strongly influenced by the types of and amounts of aid available.

- Ans  1. BDAC  
 2. ABDC  
 3. DABC  
 4. DBCA

Question ID : 26433098962

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.  
The Sun is the star at the center of (1) \_\_\_\_\_ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) \_\_\_\_\_ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) \_\_\_\_\_ of energy for life on Earth. It is about a hundred times as wide (4) \_\_\_\_\_ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) \_\_\_\_\_ of life.

**SubQuestion No : 21**

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

- Ans  1. typical  
 2. huge  
 3. the  
 4. a

Question ID : 264330145524

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 Sun is the star at the center of (1) \_\_\_\_\_ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) \_\_\_\_\_ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) \_\_\_\_\_ of energy for life on Earth. It is about a hundred times as wide (4) \_\_\_\_\_ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) \_\_\_\_\_ of life.

**SubQuestion No : 22**

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

- Ans  1. cultures  
 2. processes  
 3. scenes  
 4. types

Question ID : 264330145525

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.  
The Sun is the star at the center of (1) \_\_\_\_\_ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) \_\_\_\_\_ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) \_\_\_\_\_ of energy for life on Earth. It is about a hundred times as wide (4) \_\_\_\_\_ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) \_\_\_\_\_ of life.

**SubQuestion No : 23**

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

- Ans  1. gesture  
 2. source  
 3. control  
 4. symbol

Question ID : 264330145526

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 Sun is the star at the center of (1) \_\_\_\_\_ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) \_\_\_\_\_ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) \_\_\_\_\_ of energy for life on Earth. It is about a hundred times as wide (4) \_\_\_\_\_ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) \_\_\_\_\_ of life.

**SubQuestion No : 24**

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

- Ans  1. about  
 2. as  
 3. like  
 4. than

Question ID : 264330145527

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 Sun is the star at the center of (1) \_\_\_\_\_ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) \_\_\_\_\_ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) \_\_\_\_\_ of energy for life on Earth. It is about a hundred times as wide (4) \_\_\_\_\_ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) \_\_\_\_\_ of life.

**SubQuestion No : 25**

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

- Ans  1. skill  
 2. end  
 3. enhancement  
 4. existence

Question ID : 264330145528

Status : Answered

Chosen Option : 4

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	R K Digital Computer Centre 1
Exam Date	14/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

**Q.1 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)

(3, 9, 30)

(10, 3, 33)

Ans  1. (6, 9, 40)

2. (8, 8, 74)

3. (12, 3, 39)

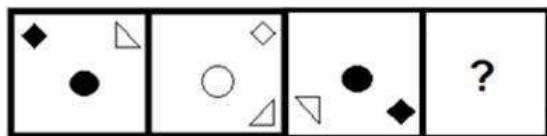
4. (9, 7, 98)

Question ID : 26433089582

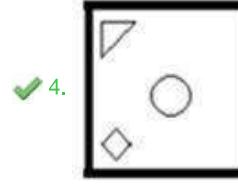
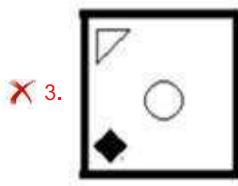
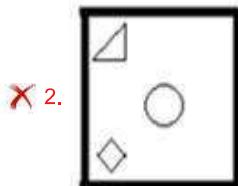
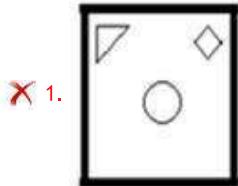
Status : Answered

Chosen Option : 3

Q.2 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 26433057018

Status : Answered

Chosen Option : 4

Q.3 Which of the following terms will replace the question mark (?) in the given series?  
PGLT, RHNU, TIPV, VJRW, ?

Ans X 1. WKUX

X 2. XLTX

X 3. WXKT

✓ 4. XKTX

Question ID : 26433083094

Status : Answered

Chosen Option : 4

Q.4 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

R \_ \_ ODRMN \_ \_ \_ MN \_ DR \_ NO \_

Ans ✓ 1. MNODROMD

✗ 2. MNODRODM

✗ 3. NMODROMD

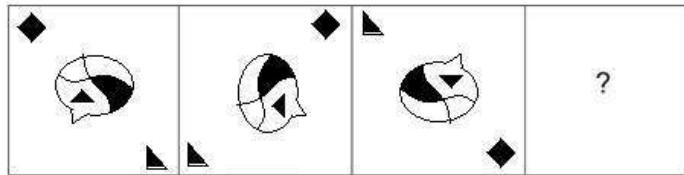
✗ 4. MNDOROMD

Question ID : 26433090002

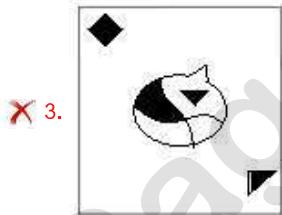
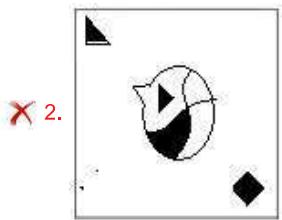
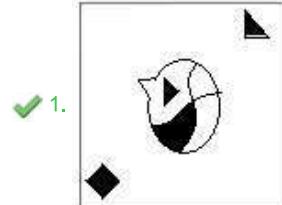
Status : Answered

Chosen Option : 1

Q.5 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 26433070431

Status : Answered

Chosen Option : 1

Q.6 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 their 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.)

- (12 , 8 , 80)  
(16 , 10 , 131)

Ans  1. (11, 5, 55)

2. (13, 4, 160)

3. (14, 12, 126)

4. (9, 6, 54)

Question ID : 26433092724

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.7 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Pancakes
2. Pandemic
3. Panicked
4. Pancreas
5. Panorama
6. Panther

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

2. 4, 1, 2, 3, 5, 6

3. 1, 4, 2, 3, 6, 5

4. 2, 1, 4, 3, 6, 5

Question ID : 264330132173

Status : Answered

Chosen Option : 1

Q.8 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)

Anklet : Ankle :: Bracelet : ?

Ans  1. Ear

2. Wrist

3. Waist

4. Neck

Question ID : 26433067810

Status : Answered

Chosen Option : 2

**Q.9** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$864 : 12 :: 1372 : 14 :: 2048 : ?$$

Ans  1. 16

2. 12

3. 18

4. 14

Question ID : 26433085814

Status : Answered

Chosen Option : 1

**Q.10** 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.

$$\text{MOC: MKW :: SEL: GUN :: DKR: ?}$$

Ans  1. VOH

2. VOG

3. VNH

4. VNG

Question ID : 264330104102

Status : Answered

Chosen Option : 1

**Q.11** Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans  1. N2Wb40C

2. C64BqWSZ

3. C84BqWZN

4. C04BqWSN

Question ID : 264330103139

Status : Answered

Chosen Option : 3

**Q.12** Three of the following four letter-clusters are alike in a certain way and one is different.  
Select the one that is different.

Ans  1. DFJL

2. KMOQ

3. ACGI

4. HJNP

Question ID : 264330120688

Status : Answered

Chosen Option : 2

**Q.13** In a certain code language, 'PLANT' is written as 'NRDVP' and 'SCORE' is written as 'EURGT'. How will 'GRIND' be written in that language?

- Ans  1. TILFP  
 2. SHLGQ  
 3. UJKEO  
 4. ITLPF

Question ID : 264330131613

Status : Answered

Chosen Option : 1

**Q.14** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 8, 28, 53

Second row- 7, 25, 47

Third row- 13, 43, ?

(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. 93  
 2. 85  
 3. 95  
 4. 83

Question ID : 264330143710

Status : Answered

Chosen Option : 4

**Q.15** 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. 6286 : 1965  
 2. 6571 : 2448  
 3. 8247 : 3926  
 4. 6903 : 2582

Question ID : 264330143672

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.16** In a certain code language, 'ZEAL' is coded as '9476' and 'LAME' is coded as '8694'. What is the code for 'M' in the given code language?

- Ans  1. 4  
 2. 8  
 3. 6  
 4. 9

Question ID : 264330126016

Status : Answered

Chosen Option : 2

Q.17 Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

L T K \_ H L \_ J H \_ V \_ J H L \_ K \_ H

Ans  1. J U K L K W J

2. I U K L K W J

3. I U K M K W J

4. J U K L K X J

Question ID : 264330143745

Status : Answered

Chosen Option : 1

Q.18 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)

(82, 35, 78)

(18, 27, 30)

Ans  1. (21, 27, 24)

2. (15, 36, 38)

3. (27, 33, 40)

4. (20, 25, 32)

Question ID : 26433089795

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.19 If,

'C @ S' means 'C is the father of S',

'C \* S' means 'C is the brother of S',

'C # S' means 'C is the sister of S',

'C \$ S' means 'C is the daughter of S',

'C = S' means 'C is the mother of S',

then how is Z related to Q in the following expression?

Q \$ R @ S \* T \$ Z

Ans  1. Brother's wife

2. Mother

3. Sister

4. Daughter

Question ID : 264330142940

Status : Answered

Chosen Option : 2

Q.20 If '+' means 'subtraction', '-' means 'multiplication', ' $\div$ ' means 'addition' and ' $\times$ ' means 'division', then what is the value of the following expression?

$$11 - 14 + 9 \times 3 \div 104$$

Ans  1. 269

2. 255

3. 245

4. 271

Question ID : 264330133145

Status : Answered

Chosen Option : 2

Q.21 Select the correct combination of mathematical signs to sequentially replace the '\*' signs and balance the given equation.

$$86 * 54 * 34 * 68 * 2 * 33$$

Ans  1.  $-$ ,  $+$ ,  $\div$ ,  $\times$ ,  $=$

2.  $\div$ ,  $-$ ,  $+$ ,  $\times$ ,  $=$

3.  $\times$ ,  $+$ ,  $\times$ ,  $-$ ,  $=$

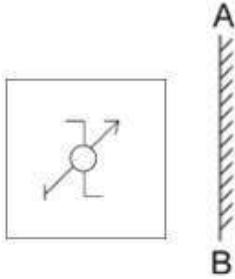
4.  $+$ ,  $\div$ ,  $\times$ ,  $-$ ,  $=$

Question ID : 26433068675

Status : Answered

Chosen Option : 3

Q.22 Select the correct mirror image of the given figure when the mirror is placed at AB.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 264330106449

Status : Answered

Chosen Option : 3

Q.23 In this question, 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 follows/follow from the statements.

Statements:

All balls are flowers.  
All flowers are plates.  
Some plates are cups.

Conclusions:

I. Some flowers are balls.  
II. Some plates are flowers.  
III. All cups are plates.

Ans  1. Only conclusions I and II follow.

- 2. Only conclusion III follows.
- 3. Only conclusion II follows.
- 4. Only conclusion I follows.

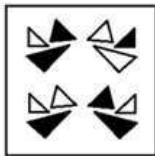
Question ID : 264330114231

Status : Answered

Chosen Option : 1

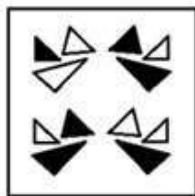
- Q.24 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

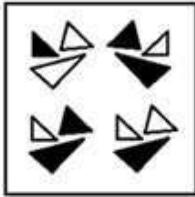


Ans

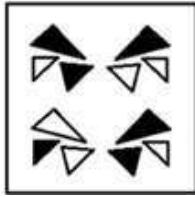
✓ 1.



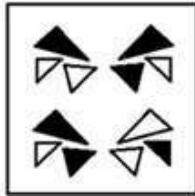
✗ 2.



✗ 3.



✗ 4.

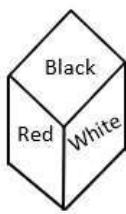
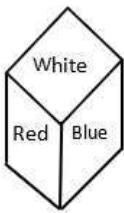


Question ID : 26433067406

Status : Answered

Chosen Option : 1

**Q.25** Two different positions of the same dice have different colours - White, Red, Blue, Yellow, Green and Black - written on it. Identify the colour on the face opposite the face showing 'Blue'.



- Ans  1. White  
 2. Black  
 3. Green  
 4. Yellow

Question ID : 26433097479

Status : Answered

Chosen Option : 1

Section : General Awareness

**Q.1** Ambubachi Mela (Fair) is held in which of the temples of North-East India?

- Ans  1. Dakshineswar Kali  
 2. Bhuvaneswari  
 3. Billeswar  
 4. Kamakhya

Question ID : 264330110464

Status : Answered

Chosen Option : 4

**Q.2** Which of the following groups of states recorded very high population growth rate during 2001-2011 Census of India?

- Ans  1. Bihar, Rajasthan, Sikkim  
 2. West Bengal, Meghalaya, Bihar  
 3. Bihar, Haryana, Meghalaya  
 4. Meghalaya, Arunachal Pradesh, Bihar

Question ID : 264330132746

Status : Answered

Chosen Option : 3

**Q.3** A wealthy person in the early Vedic period was known as \_\_\_\_\_.

- Ans  1. Duhitri  
 2. Gaveshma  
 3. Gomat  
 4. Ravi

Question ID : 264330114804

Status : Not Answered

Chosen Option : --

Q.4 India has been ranked \_\_\_\_\_ in the Medical Tourism Index (MTI) for 2020-21 out of 46 destinations by the Medical Tourism Association.

- Ans  1. 10<sup>th</sup>  
 2. 15<sup>th</sup>  
 3. 20<sup>th</sup>  
 4. 5<sup>th</sup>

Question ID : 26433081869

Status : Not Answered

Chosen Option : --

Q.5 The Japfu range, which is 3,014 meters high, is located in which state?

- Ans  1. Assam  
 2. Arunachal Pradesh  
 3. Meghalaya  
 4. Nagaland

Question ID : 264330111332

Status : Answered

Chosen Option : 2

Q.6 Who among the following performing artists bagged the best actress award for Meena Gurjari in 1975?

- Ans  1. Sonal Masingh  
 2. Sitara Devi  
 3. Shovana Narayana  
 4. Mallika Sarabhai

Question ID : 26433064259

Status : Not Answered

Chosen Option : --

Q.7 Urmila Satyanarayanan is an exponent of which Indian classical dance form?

- Ans  1. Bharatanatyam  
 2. Kathak  
 3. Manipuri  
 4. Sattriya

Question ID : 264330109597

Status : Not Answered

Chosen Option : --

Q.8 When was the Secretary of State for India made responsible for the Government of British India by bringing about changes in the Home Government?

Ans  1. 1858

2. 1833

3. 1857

4. 1813

Question ID : 264330132664

Status : Answered

Chosen Option : 1

Q.9 Which waterway provides connectivity with mainland India through the India-Bangladesh Protocol route?

Ans  1. NW-10

2. NW-15

3. NW-2

4. NW-83

Question ID : 264330111322

Status : Not Answered

Chosen Option : --

Q.10 In 2021, the Indian men's cricket team defeated Australia at the Gabba stadium in a Test match becoming the only cricket team to defeat Australia in Brisbane since \_\_\_\_\_.

Ans  1. 1996

2. 1992

3. 1990

4. 1988

Question ID : 26433086891

Status : Not Answered

Chosen Option : --

Q.11 The Fundamental Duties were added to the Constitution of India by the \_\_\_\_\_ Amendment.

Ans  1. 73<sup>rd</sup>

2. 42<sup>nd</sup>

3. 34<sup>th</sup>

4. 44<sup>th</sup>

Question ID : 264330110769

Status : Answered

Chosen Option : 2

Q.12 \_\_\_\_\_ announced the bifurcation of the British Indian Empire into a secular India and Islamic Pakistan.

- Ans  1. Lord Ripon  
 2. Lord Dalhousie  
 3. Lord Louis Mountbatten  
 4. Lord Curzon

Question ID : 264330110214

Status : Answered

Chosen Option : 3

Q.13 Which of the following cells are found in the liver of mammals?

- Ans  1. Purkinje cells  
 2. Microglial cells  
 3. Kupffer cells  
 4. Sensory cells

Question ID : 26433059115

Status : Not Answered

Chosen Option : --

Q.14 Who is the first law officer of India?

- Ans  1. Advocate General of State  
 2. Chief Justice of India  
 3. Attorney General of India  
 4. Minister of law

Question ID : 264330112789

Status : Answered

Chosen Option : 3

Q.15 The Shailendra kings who founded their empire in South-east Asia in the 8th Century AD were the followers of \_\_\_\_\_.

- Ans  1. Buddhism  
 2. Shaivism  
 3. Jainism  
 4. Hinduism

Question ID : 264330114823

Status : Not Answered

Chosen Option : --

Q.16 Which Vitamin D analogue is used to treat hypoparathyroidism, refractory rickets and familial hypophosphatemia?

- Ans  1. Tacalcitol  
 2. Tocopherol  
 3. Ergocalciferol  
 4. Retinol

Question ID : 264330110076

Status : Answered

Chosen Option : 3

Q.17 Which of the following is NOT a type of rock?

- Ans  1. Igneous rock  
 2. Trace rock  
 3. Metamorphic rock  
 4. Sedimentary rock

Question ID : 264330109949

Status : Answered

Chosen Option : 2

Q.18 Whom among the following players is associated with Javelin throw?

- Ans  1. Neeraj Chopra  
 2. Pankaj Advani  
 3. Saurabh Chaudhary  
 4. Manika Batra

Question ID : 264330109674

Status : Answered

Chosen Option : 1

Q.19 From which Latin word is the s block element calcium derived?

- Ans  1. Calx  
 2. Calum  
 3. Coleus  
 4. Calcio

Question ID : 264330141691

Status : Answered

Chosen Option : 2

Q.20 Arrange the following Development Financial Institutions (DFI) in the correct chronological order, according to the year they were set up.

- (i) Industrial Credit and Investment Corporation of India (ICICI)
- (ii) Industrial Development Bank of India (IDBI)
- (iii) Industrial Finance Corporation of India (IFCI)

Ans  1. (i)-(iii)-(ii)

2. (iii)-(i)-(ii)

3. (ii)-(i)-(iii)

4. (i)-(ii)-(iii)

Question ID : 264330112898

Status : Not Answered

Chosen Option : --

Q.21 Who among the following was the chief guest at India's 74<sup>th</sup> Republic Day celebrations?

Ans  1. François Hollande

2. Cyril Ramaphosa

3. Abdel Fattah El-Sisi

4. Jair Bolsonaro

Question ID : 264330133009

Status : Answered

Chosen Option : 3

Q.22 Which of the following sitar players was awarded the Bharat Ratna in the year 1999?

Ans  1. Pandit Bhimsen Joshi

2. Pandit Ravishankar

3. Hariprasad Chourasia

4. Bhupen Hazarika

Question ID : 26433074118

Status : Not Answered

Chosen Option : --

Q.23 MUDRA is a financial institution set up by the Government of India for the development and refinancing of micro unit enterprises. The full form of MUDRA is:

Ans  1. Micro Urban Development & Refinance Agency

2. Micro Units Development & Refinance Agency

3. Micro Finance Usage Development & Refinance Agent

4. Medium Units Development & Refinance Agency

Question ID : 264330109081

Status : Answered

Chosen Option : 1

Q.24 The first Paralympic games were held in which year?

- Ans  1. 1962  
 2. 1960  
 3. 1964  
 4. 1961

Question ID : 264330109681

Status : Not Answered

Chosen Option : --

Q.25 The suitability of post tensioning is good for:

- Ans  1. long spans  
 2. end spans  
 3. break spans  
 4. edge spans

Question ID : 26433064410

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Virat can complete a work in 30 days and Daniel is 60% more efficient than Virat to complete the same work. Find the total time taken by Daniel to complete the work.

- Ans  1.  $16\frac{3}{5}$  days  
 2.  $18\frac{3}{4}$  days  
 3.  $19\frac{5}{3}$  days  
 4.  $17\frac{5}{3}$  days

Question ID : 26433066323

Status : Answered

Chosen Option : 2

Q.2 The average of 36 numbers was found to be 45. Later, it was detected that 84 was misread as 48. Find the correct average of the given numbers.

- Ans  1. 58  
 2. 48  
 3. 46  
 4. 56

Question ID : 264330130067

Status : Answered

Chosen Option : 3

Q.3 If  $\sin 23^\circ = \frac{a}{b}$ , then the value of  $\sec 23^\circ - \sin 67^\circ$  is \_\_\_\_\_.

Ans

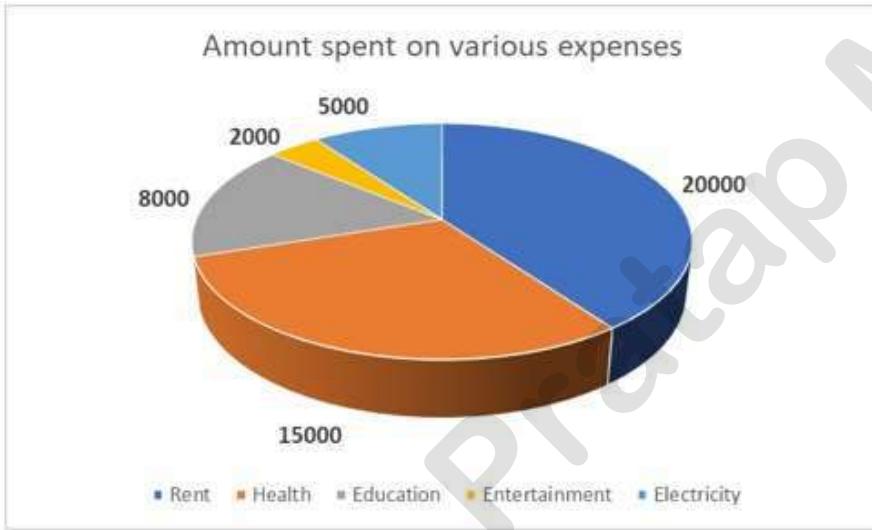
- 1.  $\frac{a^2}{\sqrt{b^2 - a^2}}$
- 2.  $\frac{b^2 - a^2}{ab}$
- 3.  $\frac{a^2}{b\sqrt{b^2 + a^2}}$
- 4.  $\frac{a^2}{b\sqrt{b^2 - a^2}}$

Question ID : 26433083080

Status : Answered

Chosen Option : 3

Q.4 What is the central angle corresponding to the sector indicating the expenses incurred on Health?



Ans

- 1.  $1.72^\circ$
- 2.  $5.4^\circ$
- 3.  $11.0^\circ$
- 4.  $108^\circ$

Question ID : 264330130033

Status : Answered

Chosen Option : 4

**Q.5** In an election between three candidates, Arjun, Bhaskar and Saral contested for a post. Arjun got 50% votes more than Saral, and Saral got 2% votes less than Bhaskar. The difference between the votes of Bhaskar and Saral is 1296. What is the half of the difference between the votes of Arjun and Bhaskar?

- Ans  1. 3888  
 2. 13988  
 3. 7766  
 4. 15228

Question ID : 264330130298

Status : Answered

Chosen Option : 4

**Q.6** Solve the following expression.

$$[7 + 30 \div 6 - (6 + 6) + 7]$$

- Ans  1. 6  
 2. 7  
 3. 5  
 4. 4

Question ID : 26433066350

Status : Answered

Chosen Option : 2

**Q.7** In an office, a typing work can be finished by Monika in 6 hours, Anita in 8 hours and Manju in 5 hours if they work alone. How much time (in hours) will they take if they work together?

- Ans  1.  $3\frac{3}{59}$   
 2.  $2\frac{2}{59}$   
 3.  $2\frac{2}{5}$   
 4.  $2\frac{2}{57}$

Question ID : 264330130021

Status : Answered

Chosen Option : 2

**Q.8** Which of the following statements is INCORRECT?

- Ans  1. If a chord is extended outside the circle on both ends then it is called secant.  
 2. Tangent is perpendicular to the radius of the circle at the point of contact.  
 3. A line which intersects two distinct points of a circle is called tangent.  
 4. Tangent is a line touching only one point of the circle.

Question ID : 26433082522

Status : Answered

Chosen Option : 3

Q.9 A's efficiency is twice that of B's. A can work only for 8 hours a day while B can work for 12 hours a day. If A can finish a work in 12 days, in how many days can B finish the same work?

- Ans  1. 8  
 2. 10  
 3. 16  
 4. 12

Question ID : 264330112117

Status : Answered

Chosen Option : 3

Q.10 Two friends P and Q simultaneously start running from same point around a circular track. They run in the same direction. P runs at 6 m/sec and Q runs at b m/sec. If they cross each other at exactly two points on the circular track and b is a natural number less than 6, then how many values can b take?

- Ans  1. 2  
 2. 1  
 3. 4  
 4. 3

Question ID : 26433081604

Status : Not Answered

Chosen Option : --

Q.11 A dealer professing to sell his goods at cost price uses 950 grams weight for 1 kg. His gain percentage is: ( rounded off to two decimal places)

- Ans  1. 5.35%  
 2. 5.26%  
 3. 5.86%  
 4. 5.96%

Question ID : 26433082378

Status : Answered

Chosen Option : 2

Q.12 A trader allows a 20% trade discount and a 30% cash discount. If the list price is ₹1,200, then the selling price (in ₹) is:

- Ans  1. 627  
 2. 720  
 3. 762  
 4. 672

Question ID : 264330104251

Status : Answered

Chosen Option : 4

Q.13

If  $x + \frac{1}{x} = 7$ , then the value of  $x^6 + \frac{1}{x^6}$  is:

- Ans  1. 113682  
 2. 103682  
 3. 103882  
 4. 103862

Question ID : 26433074499

Status : Answered

Chosen Option : 2

Q.14 The current ages of Sudhir and Ashish are in the ratio 5 : 7. Twelve years ago, the ratio of their ages was 1 : 2. What will be the age of Sudhir after five years from now?

- Ans  1. 20 years  
 2. 25 years  
 3. 33 years  
 4. 28 years

Question ID : 264330131495

Status : Answered

Chosen Option : 2

Q.15 A man invests a total sum of ₹10,000 in a company. A part of the sum was invested at 10% simple interest per annum and the remaining part at 15% simple interest per annum. If the total interest accrued to him in two years equals ₹2,400, the sum invested at 15% simple interest per annum is:

- Ans  1. ₹8,000  
 2. ₹4,000  
 3. ₹6,000  
 4. ₹5,000

Question ID : 264330112802

Status : Answered

Chosen Option : 2

Q.16 AB is the diameter of a circle with centre O. P be a point on it. If  $\angle AOP = 95^\circ$ , then

$$\angle OBP = \underline{\hspace{2cm}}.$$

- Ans  1.  $1.57.5^\circ$   
 2.  $45.5^\circ$   
 3.  $47.5^\circ$   
 4.  $55.5^\circ$

Question ID : 264330143558

Status : Answered

Chosen Option : 3

Q.17 If  $\frac{\cos \beta}{\sec \alpha} = 15$  and  $\frac{\sin \beta}{\sec \alpha} = 16$ , then the value of  $\sin^2 \beta$  is \_\_\_\_\_.

Ans

✓ 1.  $\frac{256}{481}$

✗ 2.  $-\frac{256}{481}$

✗ 3.  $\frac{481}{256}$

✗ 4.  $-\frac{481}{256}$

Question ID : 264330143550

Status : Answered

Chosen Option : 1

Q.18 What is the value of  $\sin 30^\circ + \cos 30^\circ + \tan 30^\circ$ ?

Ans

✓ 1.  $\frac{5 + \sqrt{3}}{2\sqrt{3}}$

✗ 2.  $\frac{5 - \sqrt{3}}{2\sqrt{3}}$

✗ 3.  $\frac{5 + \sqrt{3}}{\sqrt{3}}$

✗ 4.  $\frac{5 - \sqrt{3}}{\sqrt{3}}$

Question ID : 264330123997

Status : Answered

Chosen Option : 1

Q.19 If  $\sec^2 \theta + \tan^2 \theta = \frac{25}{18}$ , then the value of  $\sec^4 \theta - \tan^4 \theta$  is:

Ans

- 1.  $\frac{18}{25}$
- 2.  $\frac{25}{12}$
- 3.  $\frac{25}{9}$
- 4.  $\frac{25}{18}$

Question ID : 264330143573

Status : Answered

Chosen Option : 4

Q.20 The volume of a cone is  $73920 \text{ cm}^3$ . If the height of the cone is 160cm, then find the diameter of its base.

Ans

- 1. 21cm
- 2. 40cm
- 3. 22cm
- 4. 42cm

Question ID : 264330103435

Status : Answered

Chosen Option : 4

Q.21 A and B have some toffees. If A gives one toffee to B, then they have equal number of toffees. If B gives one toffee to A, then the toffees with A are double with B. The total number of toffees with A and B are \_\_\_\_\_.

Ans

- 1. 12
- 2. 10
- 3. 14
- 4. 15

Question ID : 264330145542

Status : Answered

Chosen Option : 1

- Q.22** Study the given table carefully and answer the following question.  
 The table shows the percentage of students of four departments – Mechanical, Civil, Computer Science and Applied – with each student being in only one department. The table also shows the number of students of these four departments in five different colleges, with the total number of students being 2080.

College	Number of Students	Mechanical	Civil	Computer Science	Applied
IIT Delhi	430	–	20%	–	10 %
IIT Kanpur	350	20%	–	25%	–
IIT Bombay	–	20%	18%	–	32%
IIT Madras	–	–	25%	18%	35%
IIT Guwahati	400	20%	22%	–	20%

If the number of students in IIT Bombay is 20% less than the number of students in IIT Madras, then the number of students in IIT Bombay is:

- Ans  1. 300  
 2. 500  
 3. 200  
 4. 400

Question ID : 264330122421

Status : Answered

Chosen Option : 4

- Q.23** Simplify the following expression.

$$\left[ \frac{85}{34} \times \frac{1}{18} - \left\{ \left( \frac{46}{69} \div \frac{27}{135} \right) - \left( \frac{86}{129} \times \frac{91}{14} \right) \right\} \text{ of } \frac{112}{36} \right]$$

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

Question ID : 264330143474

Status : Not Attempted and  
 Marked For Review

Chosen Option : --

Q.24 An inlet pipe can fill an empty tank in 140 hours while an outlet pipe drains a completely-filled tank in 63 hours. If 8 inlet pipes and y outlet pipes are opened simultaneously, when the tank is empty, then the tank gets completely filled in 105 hours. Find the value of y.

- Ans  1. 1  
 2. 4  
 3. 2  
 4. 3

Question ID : 264330131194

Status : Answered

Chosen Option : 4

Q.25 Jehangir had to cover a distance of 90 km in an hour. During the first 25 minutes he travelled at a speed of 15.2 metres per second. How many metres did Jehangir cover per second during the remaining period to reach his destination just on time?

- Ans  1. 30.8  
 2. 32.5  
 3. 32  
 4. 31.2

Question ID : 264330131188

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the option that expresses the given sentence in passive voice.

The little boy called up his best friend on his birthday.

- Ans  1. His best friend has been called up by the little boy on his birthday.  
 2. His best friend was called up by the little boy on his birthday.  
 3. His best friend is called up by the little boy on his birthday.  
 4. His best friend was being called up by the little boy on his birthday.

Question ID : 264330141542

Status : Answered

Chosen Option : 2

Q.2 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.Through a subtle analysis, Woolf raises certain concerns regarding discrimination against women in a male-dominated society.
- B.It's also against the need for freedom of expression in women, and the right to human dignity and equality.
- C.In 'Shakespeare's Sister', Virginia Woolf explores the plight of women in society in England during the 15th and 16th centuries.
- D.It is against the denial of education to the girl-child and violence against women.

Ans  1. BACD  
 2. DCBA  
 3. ADBC  
 4. CADB

Question ID : 26433096932

Status : Answered

Chosen Option : 4

Q.3 Select the option that can be used as a one-word substitute for the given group of words.

A person who hates and avoids other people

Ans  1. Masochist  
 2. Pervert  
 3. Hermit  
 4. Misanthrope

Question ID : 26433088200

Status : Answered

Chosen Option : 4

Q.4 Select the option that expresses the given sentence in passive voice.

Who stole my tickets?

Ans  1. My tickets was stolen by whom?  
 2. My tickets got stolen by who?  
 3. By whom were my tickets stolen?  
 4. My tickets were stolen by who?

Question ID : 264330137196

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

The gradual \_\_\_\_\_(curtail) in the expenditures made them tensed.

Ans  1. indent  
 2. innate  
 3. increase  
 4. insinuate

Question ID : 264330141149

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate synonym of the given word.  
Insidious

- Ans  1. Protected  
 2. Secure  
 3. Safe  
 4. Harmful

Question ID : 26433096220

Status : Answered

Chosen Option : 4

Q.7 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The thief was caught with a spurious Picasso painting.

- Ans  1. Fake  
 2. Stolen  
 3. Splendid  
 4. Authentic

Question ID : 26433087924

Status : Answered

Chosen Option : 4

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'.

The frog adopts itself to live both in water and on land.

- Ans  1. frog adepts itself  
 2. frog alters itself  
 3. No substitution  
 4. frog adapts itself

Question ID : 26433073257

Status : Answered

Chosen Option : 1

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

Darshan wished he hadn't / went to the theme park / in the first place.

- Ans  1. Darshan wished he hadn't  
 2. in the first place  
 3. went to the theme park  
 4. No error

Question ID : 26433084571

Status : Answered

Chosen Option : 1

Q.10 Select the most appropriate option to fill in the blank.

Kiran had a short \_\_\_\_\_ as a writer.

Ans  1. caress

2. career

3. carer

4. carrier

Question ID : 26433099000

Status : Answered

Chosen Option : 2

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

A place where coins, medals, or tokens are made

Ans  1. Hutch

2. Hangar

3. Mint

4. Monastery

Question ID : 26433073683

Status : Answered

Chosen Option : 3

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

To bell the cat

Ans  1. To feed pets

2. To play with kids

3. To love cats

4. To face risk

Question ID : 264330135965

Status : Answered

Chosen Option : 4

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'.

We all should help each other.

Ans  1. help mutually

2. help one another

3. help each one

4. No substitution

Question ID : 26433073253

Status : Answered

Chosen Option : 4

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.

An lion is the most ferocious of all animals.

- Ans  1. ferocious of  
 2. all animals.  
 3. An lion  
 4. is the most

Question ID : 26433072528

Status : Answered

Chosen Option : 3

Q.15 Select the appropriate idiom to fill in the blank.

The police have not yet been able to solve the case; it seems to be \_\_\_\_\_.

- Ans  1. in a nutshell  
 2. turning over a new leaf  
 3. a hard nut to crack  
 4. in a pink

Question ID : 264330101280

Status : Answered

Chosen Option : 3

Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Israel has been a staunch ally of the United States.

- Ans  1. Resolute  
 2. Careless  
 3. Confused  
 4. Unsteady

Question ID : 26433087925

Status : Answered

Chosen Option : 4

Q.17 Identify the option that rectifies the underlined spelling error in the given sentence.

The boys of our class have reported that considerable progress in the implimentation of their policies has been made.

- Ans  1. Implimentation  
 2. implimantation  
 3. Implementation  
 4. Implemantation

Question ID : 264330122263

Status : Answered

Chosen Option : 3

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

Abound

- Ans  1. Increase  
 2. Flourish  
 3. Succeed  
 4. Adequate

Question ID : 26433096991

Status : Answered

Chosen Option : 4

Q.19 Select the INCORRECTLY spelt word.

- Ans  1. Opportunity  
 2. Reliance  
 3. Appraoch  
 4. Bureau

Question ID : 26433092315

Status : Answered

Chosen Option : 3

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

A person who abandons religion

- Ans  1. Egotist  
 2. Priest  
 3. Apostate  
 4. Atheist

Question ID : 26433086325

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.

Global warming is one of the biggest environmental (1) \_\_\_\_\_ facing the world today. The primary cause of global warming is the (2) \_\_\_\_\_ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**SubQuestion No : 21**

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

- Ans  1. consequences  
 2. opportunities  
 3. benefits  
 4. challenges

Question ID : 264330137498

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.

Global warming is one of the biggest environmental (1) \_\_\_\_\_ facing the world today. The primary cause of global warming is the (2) \_\_\_\_\_ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**SubQuestion No : 22**

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

- Ans  1. emission  
 2. absorption  
 3. reflection  
 4. conduction

Question ID : 264330137499

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.

Global warming is one of the biggest environmental (1) \_\_\_\_\_ facing the world today. The primary cause of global warming is the (2) \_\_\_\_\_ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**SubQuestion No : 23**

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

- Ans  1. negative  
 2. positive  
 3. neutral  
 4. negligible

Question ID : 264330137500

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.

Global warming is one of the biggest environmental (1) \_\_\_\_\_ facing the world today. The primary cause of global warming is the (2) \_\_\_\_\_ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**SubQuestion No : 24**

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

- Ans  1. sanctions  
 2. subsidies  
 3. restrictions  
 4. policies

Question ID : 264330137501

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.

Global warming is one of the biggest environmental (1) \_\_\_\_\_ facing the world today. The primary cause of global warming is the (2) \_\_\_\_\_ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**SubQuestion No : 25**

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

- Ans  1. exacerbating  
 2. mitigating  
 3. sustaining  
 4. expanding

Question ID : 264330137502

Status : Answered

Chosen Option : 2

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	Dr. Kalam Academy
Exam Date	14/07/2023
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

Q.1 Which two signs should be interchanged to make the given equation correct?

$$60 \times 4 + 9 \div 3 - 8 = 34$$

Ans  1. + and -

2. ÷ and +

3. + and ×

4. ÷ and ×

Question ID : 264330129777

Status : Answered

Chosen Option : 4

Q.2 Select the Venn diagram that best illustrates the relationship between the following classes.

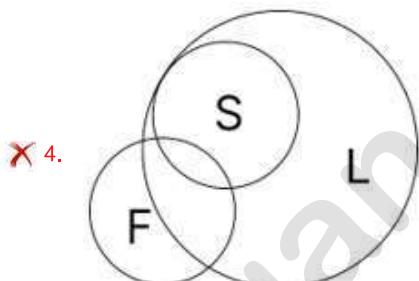
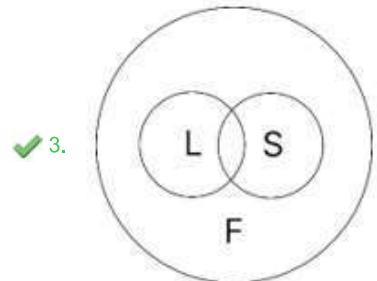
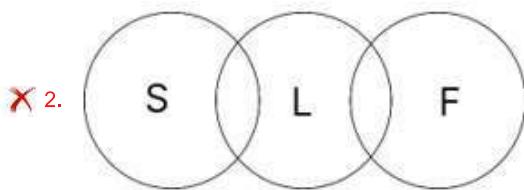
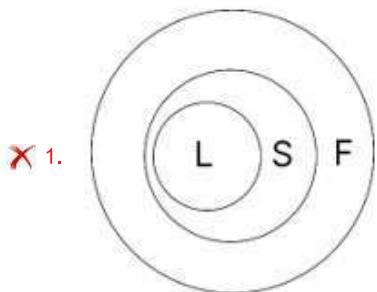
Leafy Vegetables, Salad, Food

Leafy Vegetables = L

Salad = S

Food = F

Ans



Question ID : 264330131666

Status : Marked For Review

Chosen Option : 3

Q.3 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)

(49, 63, 441)

(7, 14, 14)

Ans  1. (7, 28, 35)

2. (14, 28, 56)

3. (7, 14, 45)

4. (12, 18, 324)

Question ID : 26433089586

Status : Answered

Chosen Option : 2

Q.4 Which of the following numbers will replace the question mark (?) in the given series?

15, ?, 27, 39, 55, 75

Ans  1. 19

2. 20

3. 21

4. 18

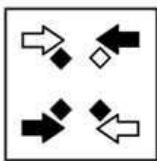
Question ID : 26433090056

Status : Answered

Chosen Option : 1

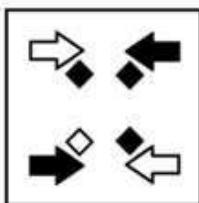
- Q.5 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

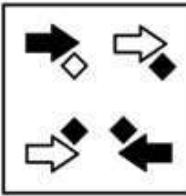


Ans

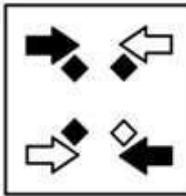
✗ 1.



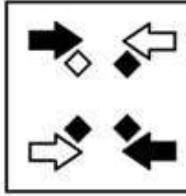
✗ 2.



✗ 3.



✓ 4.



Question ID : 26433067411

Status : Answered

Chosen Option : 4

- Q.6 In a certain code language, 'MANAGE' is written as 'HJDQDP' and 'LITTLE' is written as 'HOWWLO'. How will 'POLICY' be written in that language?

Ans ✗ 1. CPMDOZ

✗ 2. QPMJDZ

✗ 3. YCIOLP

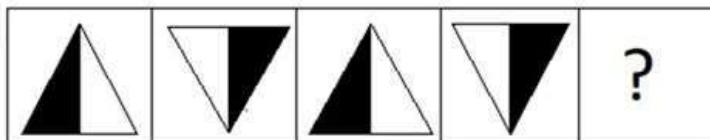
✓ 4. BFLORS

Question ID : 26433082571

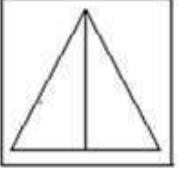
Status : Answered

Chosen Option : 4

- Q.7 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 : 26433087146

Status : Answered

Chosen Option : 2

- Q.8 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)

Ophthalmology : Eyes :: Dermatology : ?

- Ans ✗ 1. Nerves  
✓ 2. Skin  
✗ 3. Bones  
✗ 4. Brain

Question ID : 264330102983

Status : Answered

Chosen Option : 2

Q.9 Select the set in which the numbers are related in the same way as the numbers of the given 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.)  
(4, 6, 8)  
(6, 8, 10)

- Ans  1. (2, 12, 8)  
 2. (8, 12, 16)  
 3. (5, 30, 10)  
 4. (18, 18, 16)

Question ID : 26433069225

Status : Answered

Chosen Option : 2

Q.10 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.)

Tortoise : Hatchling :: Rabbit : ?

- Ans  1. Shoat  
 2. Kitten  
 3. Piglet  
 4. Calf

Question ID : 26433087267

Status : Answered

Chosen Option : 1

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, 20, 4)  
(30, 30, 3)

- Ans  1. (44, 187, 44)  
 2. (30, 190, 15)  
 3. (35, 120, 19)  
 4. (60, 400, 20)

Question ID : 26433056448

Status : Answered

Chosen Option : 4

Q.12 In a certain code language, "PENDANT" is written as "QFOEBOU" and "LAWFUL" is written as "MBXGVM". How will "IMPOSE" be written in that language?

- Ans  1. JNQPTF  
 2. INPQSG  
 3. KMPRSF  
 4. IMQQSG

Question ID : 264330130315

Status : Answered

Chosen Option : 1

Q.13 'P @ Q' means 'P is the wife of Q'.  
'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 Z – B \$ D \$ G, then how is Z related to G?

- Ans  1. Z is the mother of G  
 2. Z is the sister of G  
 3. Z is the father's sister of G  
 4. Z is the daughter of G

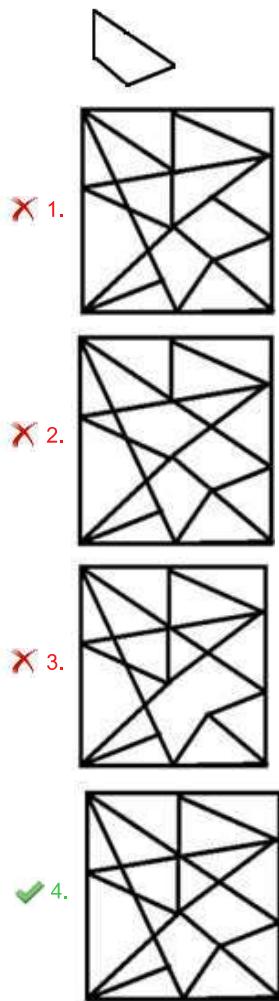
Question ID : 264330122454

Status : Answered

Chosen Option : 3

- Q.14 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans



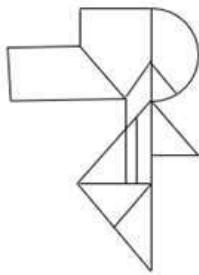
Question ID : 26433067432

Status : Answered

Chosen Option : 2

Q.15

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



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 26433097261

Status : Answered

Chosen Option : 3

Q.16 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. (87, 522)

2. (84, 672)

3. (92, 552)

4. (64, 384)

Question ID : 264330143685

Status : Answered

Chosen Option : 2

Q.17 Three of the following four letter-clusters are alike in a certain way and one is different.  
Pick the odd one out.

Ans  1. JQM

2. DWG

3. BXE

4. AZD

Question ID : 26433092554

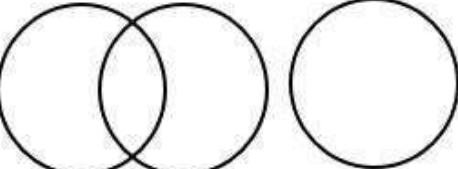
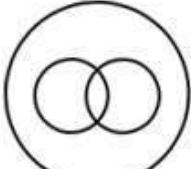
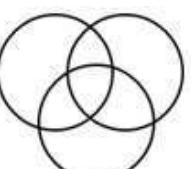
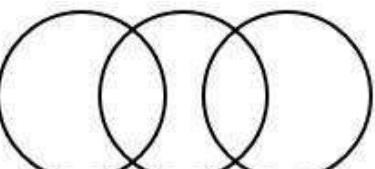
Status : Answered

Chosen Option : 3

Q.18 Select the Venn diagram that best illustrates the relationship between the following classes.

Women, Professor, Players

Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID : 264330145431

Status : Marked For Review

Chosen Option : 3

Q.19 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$175 : 210 :: 310 : 372 :: 295 : ?$$

Ans  1. 362

2. 354

3. 348

4. 340

Question ID : 264330143714

Status : Answered

Chosen Option : 2

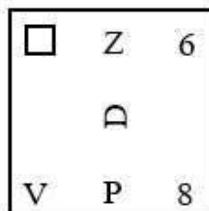
**Q.20** Select the figure that will replace the question mark (?) in the following figure series.

V	□	8	D	P	Z	8	6	□	P	V	D	
6			V			Z			8			?
D	Z	P	6	8	□	P	D	V	Z	□	6	

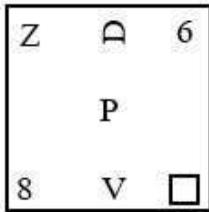
Ans



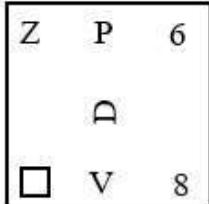
**X** 1.



**✓** 2.



**X** 3.



**X** 4.

Question ID : 264330143838

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

Chosen Option : --

Q.21 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Tertiary
2. Terrace
3. Terrain
4. Termite
5. Territory
6. Terminate

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

2. 4, 6, 2, 3, 1, 5

3. 6, 4, 2, 3, 5, 1

4. 6, 4, 3, 2, 5, 1

Question ID : 264330132176

Status : Answered

Chosen Option : 3

Q.22 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ‘5’.

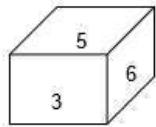


Figure 1

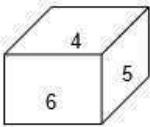


Figure 2

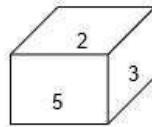


Figure 3

Ans  1. 2

2. 3

3. 4

4. 1

Question ID : 264330102489

Status : Answered

Chosen Option : 4

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

A \_ M P S A C \_ P S A C O \_ S A C P P \_

Ans  1. S M P A

2. S C A N

3. C M A S

4. C N P S

Question ID : 264330143779

Status : Answered

Chosen Option : 4

Q.24 Which of the following terms will replace the question mark (?) in the given series?  
OTLN, MSJM, KRHL, IQFK, ?

- Ans  1. HPDK  
 2. GQDJ  
 3. GPDJ  
 4. GPDK

Question ID : 26433070361

Status : Answered

Chosen Option : 3

Q.25 Which two signs should be interchanged to make the given equation correct?

$$117 \div 13 + 16 \times 540 - 40 = 644$$

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

Question ID : 264330132501

Status : Answered

Chosen Option : 2

Section : General Awareness

Q.1 Which Chinese traveller visited India during the reign of Harshavardhana?

- Ans  1. Hsuan Tsang  
 2. Etsing  
 3. Faxian  
 4. Ibn Battuta

Question ID : 264330114026

Status : Answered

Chosen Option : 1

Q.2 Thomas Cup is a/an\_\_\_\_\_.

- Ans  1. annual event  
 2. biennial event  
 3. quarterly event  
 4. triennial event

Question ID : 264330109719

Status : Answered

Chosen Option : 1

Q.3 'Penalty Corner' is related to which of the following sports?

- Ans  1. Chess  
 2. Tennis  
 3. Badminton  
 4. Hockey

Question ID : 264330144207

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.4 Which is the only living representative of Sphenopsida that has an underground, creeping and perennial rhizome that gives off aerial as well as underground branches?

- Ans  1. Adiantum  
 2. Dryopteris  
 3. Selaginella  
 4. Equisetum

Question ID : 264330110068

Status : Not Answered

Chosen Option : --

Q.5 Trichloromethane is better known as:

- Ans  1. chloroform  
 2. butanes  
 3. LPG  
 4. laughing gas

Question ID : 264330109888

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.6 Which Constitutional Amendment added Fundamental Duties in the Constitution?

- Ans  1. Forty-Second Amendment Act, 1976  
 2. Forty-Seventh Amendment, 1984  
 3. Forty-Fourth Amendment Act 1978  
 4. Fifty-Second Amendment, 1985

Question ID : 26433054076

Status : Answered

Chosen Option : 3

Q.7 Match the columns.

**States**

1. Kerala
2. Meghalaya
3. Mizoram

**Hills**

- a. Anaimalai Hills
- b. Garo Hills
- c. Lushai Hills

Ans  1. 1-a, 2-b, 3-c

2. 1-b, 2-c, 3-a

3. 1-b, 2-a, 3-c

4. 1-c, 2-b, 3-a

Question ID : 264330116469

Status : Answered

Chosen Option : 1

Q.8 Vijayanagara emperor Krishnadeva Raya founded a suburban township near Vijayanagara called Nagalapuram after his \_\_\_\_\_.

Ans  1. father

2. teacher

3. sister

4. mother

Question ID : 264330114086

Not Attempted and  
Marked For Review

Chosen Option : --

Q.9 How many nominated members are there in the Legislative Assembly of Telangana?

Ans  1. Four

2. One

3. Two

4. Three

Question ID : 264330113447

Status : Not Answered

Chosen Option : --

Q.10 On International Women's Day 2022, the Ministry of MSME launched an entrepreneurship drive for women by which of the following names?

Ans  1. SAMARTH

2. NIRBHAYA

3. SWADHAR

4. UJJAWALA

Question ID : 264330130841

Status : Answered

Chosen Option : 1

Q.11 What are the main energy sources for earth's internal heat engine?

- Ans  1. Radiogenic heat and oceanic tide heat  
 2. Heat from volcanoes and solar heat  
 3. Solar heat and oceanic tide heat  
 4. Radiogenic heat and primordial heat

Question ID : 264330109948

Status : Not Answered

Chosen Option : --

Q.12 Select the correct statement about the achievements of Sruti Bandopadhyay, an eminent Manipuri dancer.

- Ans  1. She received Padma Shri for the year 2020.  
 2. She received Sangeet Natak Akademi Award for the year 2020.  
 3. She received Kalidas Samman for the year 2020.  
 4. She received Padma Vibhushan for the year 2020.

Question ID : 264330131030

Status : Not Answered

Chosen Option : --

Q.13 Which of the given personalities is NOT associated with Carnatic Music?

- Ans  1. Kalyani Varadarajan  
 2. MS Subbulakshmi  
 3. Vishnu Narayan Bhatkhande  
 4. Subramania Bharathiyar

Question ID : 264330130507

Status : Not Answered

Chosen Option : --

Q.14 Which of the following Acts was introduced to regulate Foreign Exchange in India in 1973?

- Ans  1. FERA  
 2. FEMA  
 3. FRBM  
 4. SARFESI

Question ID : 264330109390

Status : Answered

Chosen Option : 2

Q.15 Which of the following dances is performed by the Santhal tribe of Jharkhand?

Ans  1. Jhika Dasain

2. Kolkali

3. Ghumar

4. Koli

Question ID : 26433094873

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.16 Which of the following cell organelles is made up of ribosomal RNA and protein?

Ans  1. Ribosome

2. Nucleus

3. Golgi body

4. Lysosome

Question ID : 26433082210

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.17 Shri Sagar Kailas Ovhalkar was in news for being conferred with Arjuna Award 2022 for his outstanding contribution in which of the following sports?

Ans  1. Kabbadi

2. Chess

3. Judo

4. Mallakhamb

Question ID : 264330130859

Status : Not Answered

Chosen Option : --

Q.18 Who among the following was the first person to discuss poverty line in pre-independent India?

Ans  1. Dadabhai Naoroji

2. Mahalanobis

3. Dr. BR Ambedkar

4. RK Shanmukham Chetty

Question ID : 264330109875

Status : Answered

Chosen Option : 1

Q.19 Identify the group of states that are covered in the Sardar Sarovar Project.

- Ans  1. Maharashtra, Madhya Pradesh, Chhattisgarh and Jharkhand  
 2. Maharashtra, Madhya Pradesh, Gujarat and Rajasthan  
 3. Gujarat, Punjab, Haryana, Rajasthan  
 4. Gujarat, Rajasthan, Karnataka and Telangana

Question ID : 264330110197

Status : Answered

Chosen Option : 2

Q.20 Which German chemist and physicist proposed that an aromatic compound must have an odd number of pairs of electrons, which can mathematically be written as  $4n+2$  ( $n = 0, 1, 2, 3, \text{ etc.}$ ) in 1931?

- Ans  1. Friedrich Kekulé  
 2. Rosalind Franklin  
 3. Erich Huckel  
 4. Antoine Lavoisier

Question ID : 264330144053

Status : Not Answered

Chosen Option : --

Q.21 Under whom was CP Ilbert a law member of the council?

- Ans  1. Lord Lytton  
 2. Lord Cornwallis  
 3. Lord Ripon  
 4. Lord Curzon

Question ID : 264330112156

Status : Answered

Chosen Option : 3

Q.22 Who among the following is the author of the book 'The Buddha and his Dhamma', which appeared in 1957 after the death of its author?

- Ans  1. Subhas Chandra Bose  
 2. BR Ambedkar  
 3. Mahatma Gandhi  
 4. Motilal Nehru

Question ID : 264330141520

Status : Not Answered

Chosen Option : --

Q.23 Nag Panchami is celebrated in which month of Hindu Calendar?

Ans  1. Shravan

2. Kartik

3. Sharad

4. Asadh

Question ID : 264330109621

Status : Not Answered

Chosen Option : --

Q.24 \_\_\_\_\_ became the first swimmer from India to breach the Olympic Qualification Time (A cut) in swimming as he capped the qualification period with an outstanding performance in the Sette Colli Trophy in Rome, Italy in June 2021.

Ans  1. Sajan Prakash

2. Srihari Nataraj

3. Anand Anilkumar Shylaja

4. Virdhawal Khade

Question ID : 26433086893

Status : Not Answered

Chosen Option : --

Q.25 Who is the regulator of Micro Finance Institutions in India?

Ans  1. SEBI

2. RBI

3. NABARD

4. SBI

Question ID : 264330109080

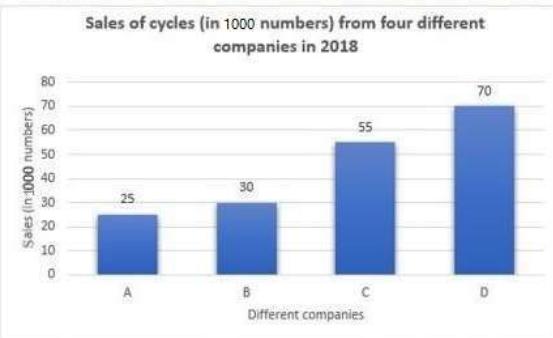
Status : Not Attempted and  
Marked For Review

Chosen Option : --

Section : Quantitative Aptitude

**Q.1** Study the given bar-graph and answer the question that follows.

The bar graph shows the sales of cycles (in 1000 numbers) from four different companies during 2018.



What is the average sales of all the companies (in 1000 numbers) for the year 2018?

Ans  1. 45,000

2. 34,000

3. 54,000

4. 24,000

Question ID : 264330130425

Status : Answered

Chosen Option : 1

**Q.2** The ratio of the number of boys to that of the girls in a school is 11 : 15. If there are 200 more girls than boys in the school, what is the number of boys in that school?

Ans  1. 550

2. 750

3. 506

4. 605

Question ID : 264330131168

Status : Answered

Chosen Option : 1

**Q.3** The following table shows the number of sweets manufactured by six factories.

Year	Factory					
	P	Q	R	S	T	U
1996	196	145	254	169	291	220
1997	172	233	141	125	167	189
1998	178	240	150	130	177	192
1999	180	260	160	140	188	195

What is the respective ratio of sweets manufactured by factories P, Q and R together in the year 1998, to the sweets manufactured by factories S, T and U together in the same year?

Ans  1. 568 : 499

2. 61 : 72

3. 61 : 42

4. 40 : 51

Question ID : 26433075354

Status : Answered

Chosen Option : 1

**Q.4** The ratio between the monthly income and the expenditure of Vaidic is 8 : 5. If his income increases by 20% and his expenditure increases by 30%, then find the percentage increase or decrease in his monthly savings.

Ans

1.  $5\frac{2}{3}\%$  increase

2.  $5\frac{2}{3}\%$  decrease

3.  $3\frac{1}{3}\%$  increase

4.  $3\frac{1}{3}\%$  decrease

Question ID : 264330131451

Status : Answered

Chosen Option : 3

**Q.5** Simplify the following expression.

$$(2 \times 7 - 5 + 9 \div 3) \div (4 + 2)^2 \times 2$$

Ans

1. 2

2.  $\frac{3}{2}$

3.  $\frac{2}{3}$

4. 1.5

Question ID : 264330143495

Status : Answered

Chosen Option : 3

**Q.6** If ₹72 amounts to ₹104.4 in 3 years, what will ₹120 amount to in 5 years at the same rate percent per annum?

Ans

1. ₹450

2. ₹330

3. ₹210

4. ₹215

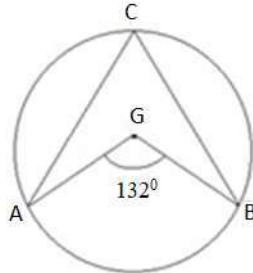
Question ID : 264330104357

Status : Answered

Chosen Option : 3

Q.7

In the given figure, 'G' is the centre of the circle. Find the angle ACB when  $\angle AGB = 132^\circ$ .



- Ans  1.  $62^\circ$   
 2.  $66^\circ$   
 3.  $64^\circ$   
 4.  $60^\circ$

Question ID : 264330114324

Status : Answered

Chosen Option : 2

Q.8 Three successive discounts of 15%, 20% and 25% are given. What will be the net discount in percentage?

- Ans  1. 52%  
 2. 49%  
 3. 46%  
 4. 40%

Question ID : 264330103719

Status : Answered

Chosen Option : 2

Q.9 Pipe A can fill an empty tank in 18 hours and pipe B can fill the same empty tank in 24 hours. If both the pipes are opened simultaneously, how much time (in hours) will they take to fill the empty tank?

- Ans  1.  $11\frac{3}{7}$   
 2.  $10\frac{1}{7}$   
 3.  $10\frac{2}{7}$   
 4.  $11\frac{2}{7}$

Question ID : 264330121729

Status : Answered

Chosen Option : 3

**Q.10** In a mixture of 55 litres, fruit juice and water are in the ratio of 4 : 1. How much water (in litres) must be added to make the mixture ratio 2 : 1?

- Ans  1. 9  
 2. 22  
 3. 11  
 4. 12

Question ID : 264330129992

Status : Answered

Chosen Option : 3

**Q.11** Ranu carries water to school in a cylindrical flask with diameter 12 cm and height 21 cm. Determine the amount of water that she can carry in the flask. (Use  $\pi = \frac{22}{7}$ )

- Ans  1. 2372 cm<sup>3</sup>  
 2. 2370 cm<sup>3</sup>  
 3. 2376 cm<sup>3</sup>  
 4. 2374 cm<sup>3</sup>

Question ID : 26433082996

Status : Answered

Chosen Option : 3

**Q.12** A policeman follows a thief, who is 1250 m ahead of him. The policeman and the thief run at the speed of 10 km/h and 8 km/h, respectively. The distance (in km) run by the thief before he is nabbed by the policeman is:

- Ans  1. 7  
 2. 4  
 3. 5  
 4. 6

Question ID : 264330103563

Status : Answered

Chosen Option : 3

**Q.13** If  $\sec\theta + \tan\theta = 5$ , ( $\theta \neq 0$ ), then  $\sec\theta$  is equal to:

- Ans  1.  $(5 + \frac{1}{5})$   
 2.  $\frac{1}{2}(3 + \frac{1}{3})$   
 3.  $\frac{1}{2}(5 + \frac{1}{5})$   
 4.  $(3 + \frac{1}{3})$

Question ID : 26433075032

Status : Answered

Chosen Option : 3

Q.14 In a circle, a 14 cm long chord is at 24 cm from the centre of the circle. Find the length of the radius of the circle.

- Ans  1. 30 cm  
 2. 25 cm  
 3. 50 cm  
 4. 27 cm

Question ID : 264330122096

Status : Answered

Chosen Option : 2

Q.15 A man takes 15 minutes to row 16 km downstream, which is 25% less than the time he takes to row the same distance upstream. How many kilometres can the man row in an hour in still water? (Rounded off to nearest whole number)

- Ans  1. 56  
 2. 60  
 3. 58  
 4. 54

Question ID : 264330130676

Status : Answered

Chosen Option : 3

Q.16 To do a certain work, Ajay and Bharat work on alternate days, with Bharat starting the work on the first day. Ajay can finish the work alone in 32 days. If the work gets completed in exactly 8 days, then Bharat alone can finish 7 times the same work in \_\_\_\_\_ days.

- Ans  1.  $\frac{28}{8}$   
 2. 4  
 3.  $\frac{32}{7}$   
 4. 32

Question ID : 264330119533

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.17 If  $\sec \theta + \cos \theta = 32$ , then  $\sec^2 \theta + \cos^2 \theta$  is \_\_\_\_\_.

- Ans  1. 1000  
 2. 1022  
 3. 1024  
 4. 1020

Question ID : 264330143549

Status : Answered

Chosen Option : 2

**Q.18** A, B and C can separately complete a work in 12, 15 and 20 days, respectively. They worked together 4 days. What will be the remaining work?

Ans

- 1.  $\frac{1}{2}$
- 2.  $\frac{1}{5}$
- 3.  $\frac{1}{6}$
- 4.  $\frac{1}{8}$

Question ID : 264330143462

Status : Answered

Chosen Option : 2

**Q.19** If  $x > 0$ , and  $x^4 + \frac{1}{x^4} = 254$ , what is the value of  $x^5 + \frac{1}{x^5}$ ?

Ans

- 1.  $717\sqrt{2}$
- 2.  $723\sqrt{2}$
- 3.  $720\sqrt{2}$
- 4.  $726\sqrt{2}$

Question ID : 264330101368

Status : Answered

Chosen Option : 1

**Q.20** A shopkeeper gains 20% in place of 16% loss if the selling price of an article is increased by ₹324. The cost price of the article is:

Ans

- 1. ₹900
- 2. ₹750
- 3. ₹1,350
- 4. ₹60

Question ID : 26433087358

Status : Answered

Chosen Option : 1

Q.21 Simplify the following.

$$\frac{\sin^2 \alpha + \cos^2 \alpha}{\sin \alpha + \cos \alpha}$$

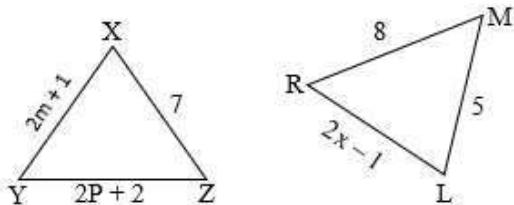
- Ans  1.  $1 + \sin \alpha \cos \alpha$   
 2.  $\tan \alpha$   
 3.  $1 - \sin \alpha \cos \alpha$   
 4.  $\sec \alpha$

Question ID : 26433075370

Status : Answered

Chosen Option : 3

Q.22 If  $\Delta XYZ \cong \Delta LMR$ , then  $m + x + p = \underline{\hspace{2cm}}$ .



- Ans  1. 7  
 2. 6  
 3. 9  
 4. 13

Question ID : 26433091945

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.23 If  $a = 17$ ,  $b = 13$ , then find the value of the expression  $(a^3 - b^3 - 3a^2 b + 3ab^2)$ .

- Ans  1. - 64  
 2. - 27000  
 3. 27000  
 4. 64

Question ID : 264330123998

Status : Answered

Chosen Option : 4

**Q.24 Simplify the given expression.**

$$18 \div 3 \text{ of } 2 \times 5 + 72 \div 18 \text{ of } 2 \times 3 - 4 \div 8 \times 2$$

Ans  1. 20

2.  $\frac{20}{3}$

3.  $\frac{25}{3}$

4. 25

Question ID : 26433065256

Status : Answered

Chosen Option : 1

**Q.25 The ages of Gyanendra and Arbind are in the ratio 6 : 5. If the sum of their ages is 55 years, then what will be the ratio of their ages after seven years from now?**

Ans  1. 5 : 6

2. 37 : 32

3. 32 : 37

4. 6 : 5

Question ID : 264330131496

Status : Answered

Chosen Option : 2

Section : English Comprehension

**Q.1 The following sentence has been divided into parts. One of them may contain an error.**

Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The availability of funds will be / ensured if they all tried to / submit the proposals on time.

Ans  1. The availability of funds will be

2. No error

3. submit the proposals on time

4. ensured if they all tried to

Question ID : 26433073767

Status : Answered

Chosen Option : 4

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

A person who does not believe that God or Gods exist.

Ans  1. Irreverent

2. Atheist

3. Profane

4. Blasphemous

Question ID : 26433087907

Status : Answered

Chosen Option : 2

Q.3 Select the most appropriate meaning of the given idiom.  
Sharp practice

- Ans  1. Dishonesty  
 2. Frequently  
 3. Briefly  
 4. Nearby

Question ID : 26433099654

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A.But the question that perturbs Ruskin's mind is what social pressure can be exercised against a dishonest person.  
B.The merchant, for instance, must supply perfect and pure things to the people.  
C.Ruskin believes that in every civilised society there exist five intellectual professions, namely the soldier, the pastor, the physician, the lawyer and the merchant.  
D.Persons belonging to these professions are expected to perform their duty honestly.

- Ans  1. BACD  
 2. DABC  
 3. CDBA  
 4. ABDC

Question ID : 26433096938

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.But she has no idea an aunt and uncle are waiting for her.  
B.'The Strange Child' is the story of a young girl who believes she is the only one on the planet.  
C.Her parents simply vanished into thin air one day.  
D.She travels the world in search of Nevada because she aspires to reside in the Mojave Desert.

- Ans  1. DABC  
 2. BDAC  
 3. BACD  
 4. BCDA

Question ID : 26433096983

Status : Answered  
Chosen Option : 4

Q.6 Select the option that expresses the given sentence in passive voice.

Did you not buy the return tickets to Dehradun?

- Ans  1. Was the return tickets to Dehradun not bought by you?  
 2. Were the return tickets to Dehradun not being bought by you?  
 3. Had the return tickets to Dehradun not bought by you?  
 4. Were the return tickets to Dehradun not bought by you?

Question ID : 264330141540

Status : Answered

Chosen Option : 4

Q.7 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.

Seema was a timid girl. She did not talk to people who were not familiar to her. She was an introvert since adolosense.

- Ans  1. introvert  
 2. timid  
 3. adolosense  
 4. familiar

Question ID : 264330123790

Status : Answered

Chosen Option : 3

Q.8 Select the most appropriate idiom/phrase that can substitute the underlined segment in the given sentence.

Vennela made a big fuss about a small problem.

- Ans  1. Get a taste of your own medicine  
 2. Barking up the wrong tree  
 3. Add insult to injury  
 4. A storm in a teacup

Question ID : 26433088778

Status : Answered

Chosen Option : 4

Q.9 Describe how you will tell your parents that Mahesh and his team were helping the fire and rescue team in passive voice.

- Ans  1. The fire and rescue team helped by Mahesh and his team.  
 2. The fire and rescue team was being helped by Mahesh and his team.  
 3. The fire and rescue team being help by Mahesh and his team.  
 4. Mahesh and his team were been helping the fire and rescue team.

Question ID : 264330122770

Status : Answered

Chosen Option : 2

Q.10 Select the grammatically correct statement from among the given options.

- A. It is a nice party. I am enjoying the party.
- B. It is a party. I am enjoying an party.
- C. It is party. I am enjoying a party.
- D. It is the party. I am enjoying an party.

Ans  1. D

2. C

3. B

4. A

Question ID : 26433089023

Status : Answered

Chosen Option : 4

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

A book or set of books giving information about all areas of knowledge

Ans  1. Encyclopedia

2. Dictionary

3. Volume

4. Anthology

Question ID : 26433088199

Status : Answered

Chosen Option : 1

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

Peruse

Ans  1. Check

2. Draw

3. Pursue

4. Narrate

Question ID : 26433089108

Status : Not Answered

Chosen Option : --

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

- A. We often make all things around us the way we want them.
- B. Even during our pilgrimages, we have begun to look for whatever makes our heart happy, gives comfort to our body and peace to the mind.
- C. Our mind is resourceful enough to find shortcuts in simple and easy ways.
- D. It is as if external solutions will fulfil our needs, and we do not want to make any special efforts even in our spiritual search.

Ans  1. CABD

2. ADBC

3. ABDC

4. DABC

Question ID : 26433098963

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The Emperor was considered as a wicked man.

Ans  1. Virtuous

2. Savage

3. Fierce

4. Vile

Question ID : 26433084688

Status : Answered

Chosen Option : 1

Q.15 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's because the 'practical people' in society boast of having a practical approach to life.
- B. It is very likely for youngsters to seek advice from their elders.
- C. Emphasising upon the times that prevailed, the youth very much get their queries answered systematically.
- D. In the similar context even the elders are, in most likelihood, expected to give their advice as a word of guidance.

Ans  1. BDCA

2. CDAB

3. ACDB

4. DCAB

Question ID : 264330117142

Status : Answered

Chosen Option : 2

Q.16 Select the most appropriate synonym of the given word.

Matching

- Ans  1. Appointing  
 2. Distinguishing  
 3. Adoring  
 4. Resembling

Question ID : 26433092922

Status : Answered

Chosen Option : 4

Q.17 Select the most appropriate ANTONYM of the given word.

Derision

- Ans  1. Disintegration  
 2. Termination  
 3. Admiration  
 4. Estimation

Question ID : 264330132808

Status : Answered

Chosen Option : 3

Q.18 Select the most appropriate synonym of the word given in brackets to fill in the blank.

He was offered a \_\_\_\_\_(moderate) price for his bungalow.

- Ans  1. sustainable  
 2. considerable  
 3. respectable  
 4. reasonable

Question ID : 264330141152

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate synonym of the underlined word.

The salesman yielded to the demands of his corrupt boss.

- Ans  1. Conceded  
 2. Courted  
 3. Hounded  
 4. Trended

Question ID : 26433091820

Status : Answered

Chosen Option : 1

**Q.20 Select the INCORRECTLY spelt word.**

- Ans  1. Deceived  
 2. Receipt  
 3. Resistance  
 4. Postponed

Question ID : 26433089103

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.

Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make language learning easier is to (3) \_\_\_\_\_ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**SubQuestion No : 21**

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

- Ans  1. insignificant  
 2. rewarding  
 3. pointless  
 4. customising

Question ID : 264330139235

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.

Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make language learning easier is to (3) \_\_\_\_\_ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**SubQuestion No : 22**

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

- Ans  1. give  
 2. neglect  
 3. rush  
 4. force

Question ID : 264330139236

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.

Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make language learning easier is to (3) \_\_\_\_\_ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**SubQuestion No : 23**

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

- Ans  1. hesitate  
 2. commit  
 3. forget  
 4. procrastinate

Question ID : 264330139237

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.

Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make language learning easier is to (3) \_\_\_\_\_ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**SubQuestion No : 24**

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

- Ans  1. pitch  
 2. complacency  
 3. progress  
 4. stamina

Question ID : 264330139238

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.

Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make language learning easier is to (3) \_\_\_\_\_ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**SubQuestion No : 25**

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

- Ans  1. daunting  
 2. arduous  
 3. intimidating  
 4. enjoyable

Question ID : 264330139239

Status : Answered

Chosen Option : 4

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	iON Digital Zone iDZ 2 Sector 62
Exam Date	17/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

- Q.1** Select the option that 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.

CIVILIAN : AGREFCSF :: DOCTRINE : BMYPLCFW :: EQUATION : ?

- Ans     1. NUGFSADX  
 2. BURDSTER  
 3. VUGHLOPA  
 4. COQWNCGF

Question ID : 26433069035

Status : Answered

Chosen Option : 4

- Q.2** Select the correct combination of mathematical signs to sequentially replace the \* signs and balance the given equation.

$76 * 34 * 23 * 12 * 6 * 21$

- Ans     1. +, -, +, +, =  
 2. -, -, +, +, =  
 3. x, -, +, +, =  
 4. -, -, +, +, =

Question ID : 26433068688

Status : Answered

Chosen Option : 4

- Q.3** Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

$132 : 10 :: 42 : 5 :: 272 : ?$

- Ans     1. 15  
 2. 16  
 3. 13  
 4. 14

Question ID : 26433082872

Status : Not Answered

Chosen Option : --

Q.4 Which of the following numbers will replace the question mark (?) in the given series?

19, 26, ?, 46, 59, 74

- Ans  1. 33  
 2. 30  
 3. 35  
 4. 32

Question ID : 26433091002

Status : Answered

Chosen Option : 3

Q.5 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

A B C \_ A \_ C C A B \_ C \_ B \_ C

- Ans  1. A B B C C  
 2. C A B B A  
 3. C B C A C  
 4. A C C B A

Question ID : 264330143731

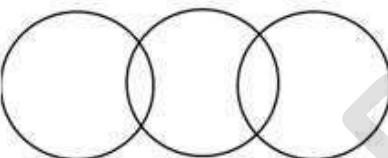
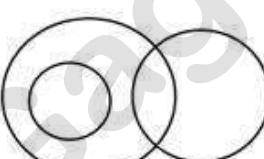
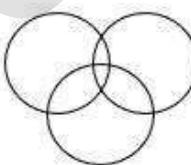
Status : Answered

Chosen Option : 3

Q.6 Select the Venn diagram that best represents the relationship between the following classes.

Actors, Comedians, Politicians

Ans

1.   
 2.   
 3.   
 4. 

Question ID : 264330143722

Status : Answered

Chosen Option : 4

Q.7 In a certain code language, 'CURD' is written as '342184' and 'BREAD' is written as '2181024'. How will 'BUTTER' be written in that language?

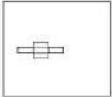
- Ans  1. 421201018  
 2. 442201018  
 3. 24220201018  
 4. 2212020518

Question ID : 26433065602

Status : Answered

Chosen Option : 3

Q.8 Select the option figure in which given figure is embedded. (Rotation is NOT allowed)



Ans

1. A square frame containing three vertical rectangles. Each rectangle has a diagonal cross pattern from top-left to bottom-right.
2. A square frame containing a central diamond shape with a cross pattern inside.
3. A square frame containing four horizontal rectangles. Each rectangle has a vertical bar pattern.
4. A square frame containing a 2x2 grid of small squares.

Question ID : 264330101319

Status : Answered

Chosen Option : 3

Q.9 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 their 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, 14, 170)  
(31, 7, 18)

Ans  1. (11, 5, 17)

2. (34, 10, 72)

3. (21, 9, 60)

4. (14, 6, 24)

Question ID : 26433079166

Status : Answered

Chosen Option : 3

Q.10 Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?

Ans  1. 12 : 47 : 60

2. 4 : 16 : 20

3. 2 : 7 : 10

4. 5 : 19 : 25

Question ID : 264330143697

Status : Answered

Chosen Option : 2

Q.11 Which two signs should be interchanged to make the given equation correct?

$$912 - 456 \times 28 + 390 \div 2 = 444$$

Ans  1.  $\div$  and  $-$

2.  $\div$  and  $+$

3.  $-$  and  $+$

4.  $+$  and  $\times$

Question ID : 264330132506

Status : Answered

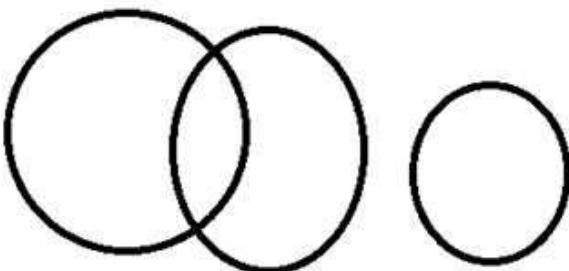
Chosen Option : 1

Q.12 Select the Venn diagram that best illustrates the relationship between the following classes.

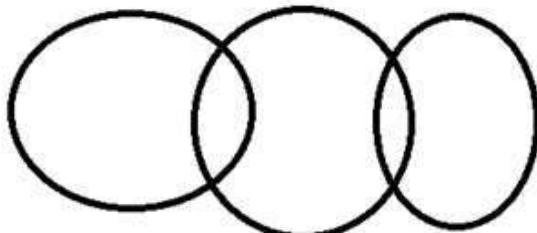
Ministers, Farmers and Engineers

Ans

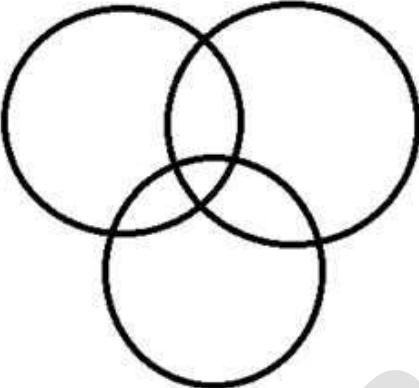
X 1.



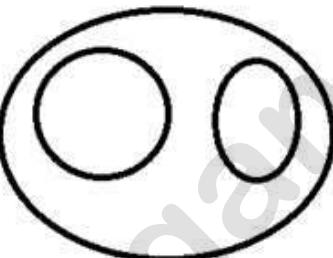
X 2.



✓ 3.



X 4.



Question ID : 264330133240

Status : Answered

Chosen Option : 3

Q.13 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Refinery
2. Reflect
3. Reference
4. Refugee
5. Refillable
6. Reformist

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

2. 5, 1, 3, 2, 4, 6

3. 5, 1, 3, 2, 6, 4

4. 3, 1, 5, 2, 6, 4

Question ID : 264330132159

Status : Answered

Chosen Option : 3

Q.14 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(6, 4, 6)

(18, 9, 13)

(8, 6, ?)

(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. 8

2. 14

3. 4

4. 6

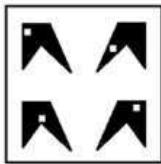
Question ID : 26433082469

Status : Not Answered

Chosen Option : --

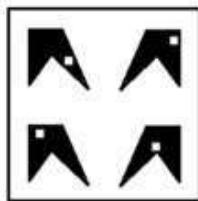
- Q.15 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

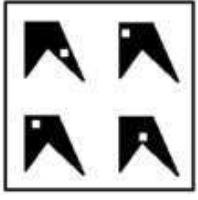


Ans

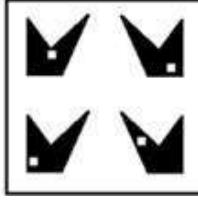
✓ 1.



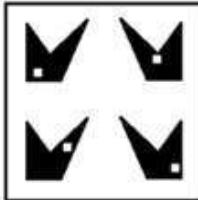
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433067410

Status : Answered

Chosen Option : 1

- Q.16 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$1 : 7 :: 3 : 215 :: 4 : ?$$

Ans

✗ 1. 453

✗ 2. 342

✓ 3. 511

✗ 4. 363

Question ID : 26433082449

Status : Answered

Chosen Option : 3

Q.17 'A + B' means 'A is brother of B'

'A - B' means 'A is mother of B'

'A × B' means 'A is husband of B'

'A ÷ B' means 'A is sister of B'

If  $C \div B - E + A \times F - D$ , then which of the following statements is NOT correct?

Ans  1. D is the daughter of B.

2. C is the sister of the mother of A.

3. F is the wife of the son of B.

4. B is the mother of A.

Question ID : 26433092588

Status : Answered

Chosen Option : 1

Q.18 In a certain code language, "DICTATOR" is written as "DROTATCI" and "GLIMPSE" is written as "GESPMIL". How will "CONDEMN" be written in that language?

Ans  1. CNONMED

2. NMEDNOC

3. NCONDEM

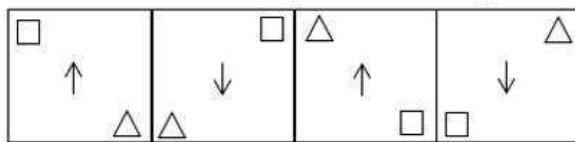
4. CNMEDNO

Question ID : 264330130318

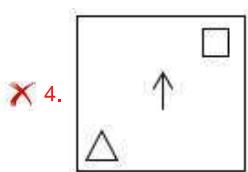
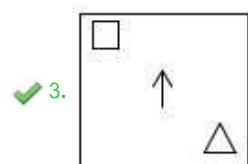
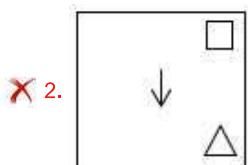
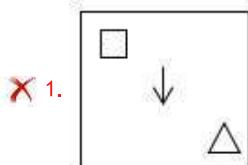
Status : Answered

Chosen Option : 4

- Q.19 Which of the given figures when placed in the 5<sup>th</sup> position would continue the series that is established by the first four figures?



Ans

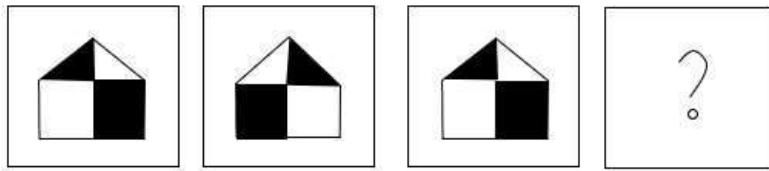


Question ID : 26433087299

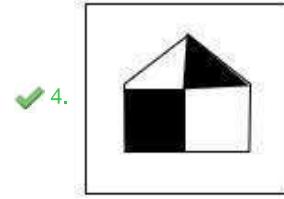
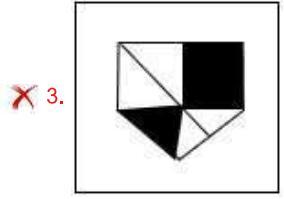
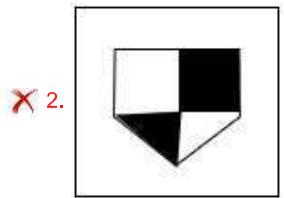
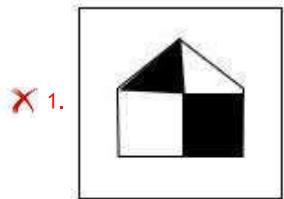
Status : Answered

Chosen Option : 3

Q.20 Select the figure that will replace the question mark (?) in the following figure series.



Ans

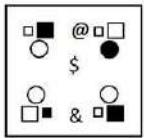


Question ID : 26433069146

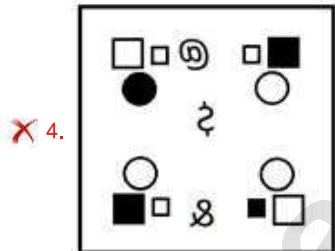
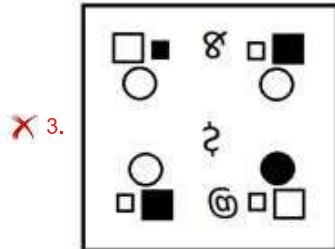
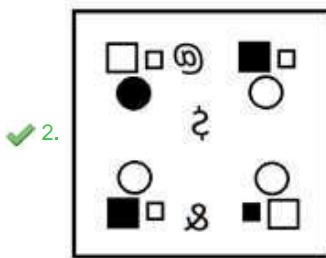
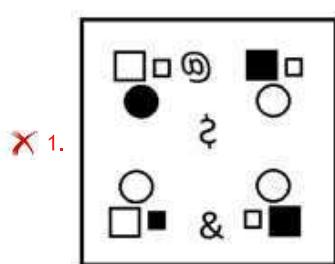
Status : Answered

Chosen Option : 4

Q.21 Select the correct mirror image from the following options, when the mirror is placed on the right side of the given figure.



Ans



Question ID : 264330103209

Status : Answered

Chosen Option : 2

Q.22 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)

Diet : Dietician :: High blood sugar : ?

- Ans  1. Oncologist  
 2. Urologist  
 3. Dermatologist  
 4. Diabetologist

Question ID : 26433067802

Status : Answered

Chosen Option : 2

Q.23 Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete?

DNU, ?, NXE, SCJ, XHO

- Ans  1. GQW  
 2. GPV  
 3. HRY  
 4. ISZ

Question ID : 26433082557

Status : Answered

Chosen Option : 4

Q.24 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

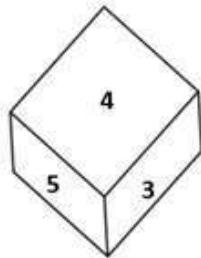


Figure 1

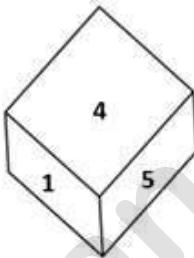


Figure 2

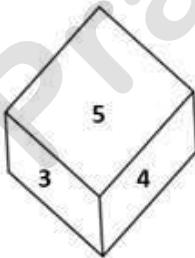


Figure 3

- Ans  1. 2  
 2. 3  
 3. 6  
 4. 4

Question ID : 26433069063

Status : Not Answered

Chosen Option : --

Q.25 Three of the following four letter-clusters are alike in a certain way and one is different.

Pick the odd one out.

AFKP  
GKPS  
SXCH  
JOTY

- Ans  1. JOTY  
 2. SXCH  
 3. GKPS  
 4. AFKP

Question ID : 26433092610

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 The Pradhan Mantri Rojgar Yojana was started during the \_\_\_\_\_.

- Ans  1. Ninth Five Year Plan  
 2. Eighth Five Year Plan  
 3. Seventh Five Year Plan  
 4. Tenth Five Year Plan

Question ID : 264330109988

Status : Not Answered

Chosen Option : --

Q.2 Banganga festival takes place annually at which of the following places in Maharashtra?

- Ans  1. Pune  
 2. Nashik  
 3. Mumbai  
 4. Nagpur

Question ID : 264330114473

Status : Answered

Chosen Option : 2

Q.3 Who was the first social reformer to view modern education as a vehicle for the spread of modern ideas in the country?

- Ans  1. Raja Ram Mohan Roy  
 2. DK Karve  
 3. Savitribai Phule  
 4. Swami Vivekananda

Question ID : 264330132689

Status : Answered

Chosen Option : 1

Q.4 The Mana Ooru - Mana Badi programme was formally launched by the \_\_\_\_\_ government in March 2022 to introduce English medium in government schools.

- Ans  1. Odisha  
 2. West Bengal  
 3. Andhra Pradesh  
 4. Telangana

Question ID : 26433090640

Status : Not Answered

Chosen Option : --

Q.5 Which of the following is used to chemically test starch?

- Ans  1. Chlorine solution  
 2. Iodine solution  
 3. Sulphur solution  
 4. Bromine solution

Question ID : 26433066699

Status : Answered

Chosen Option : 2

Q.6 Which of the following is the correct match of the column-A with column-B?

Column-A (Nutrients)  
i. Protein rich food  
ii. Fat rich food  
iii. Carbohydrate rich food  
iv. Vitamin C rich food

Column-B (Source)  
a. Wheat  
b. Lemon  
c. Egg white  
d. Butter and cheese

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

Question ID : 264330131792

Status : Answered

Chosen Option : 3

Q.7 Who was the first Odissi dancer from Odisha to receive Padma Vibhushan?

- Ans  1. Sonal Mansingh  
 2. Sanjukta Panigrahi  
 3. Kelucharan Mohapatra  
 4. Madhvi Mudgal

Question ID : 26433064261

Status : Answered

Chosen Option : 3

Q.8 In which state is the Maski inscription located at present?

- Ans  1. Tamil Nadu  
 2. Andhra Pradesh  
 3. Madhya Pradesh  
 4. Karnataka

Question ID : 264330114024

Status : Answered

Chosen Option : 3

Q.9 When did the Drafting Committee publish the first draft of the Indian Constitution?

- Ans  1. June 1948  
 2. May 1948  
 3. January 1948  
 4. February 1948

Question ID : 264330113364

Status : Not Answered

Chosen Option : --

Q.10 Identify the subsidiary of SAIL that is located along the Kolkata-Asansol railway line?

- Ans  1. ESL Steel Limited (ESL)  
 2. Jindal Steel and Power Ltd (JSPL)  
 3. Indian Iron and Steel Company (IISCO)  
 4. Tata Iron and Steel plant (TISCO)

Question ID : 264330111315

Status : Answered

Chosen Option : 3

Q.11 Name the French jeweller who travelled to India at least six times during the Mughal period.

- Ans  1. Antonio Monserrate  
 2. Jean-Baptiste Tavernier  
 3. Seydi Ali Reis  
 4. Peter Mundy

Question ID : 264330111391

Status : Answered

Chosen Option : 2

Q.12 Which of the following states in India, during October to December, receive rainfall due to Northeast monsoon?

- Ans  1. Tamil Nadu, Kerala and Andhra Pradesh  
 2. Punjab, Haryana and Madhya Pradesh  
 3. Andhra Pradesh, Madhya Pradesh and Karnataka  
 4. Uttar Pradesh, Bihar and West Bengal

Question ID : 264330109941

Status : Answered

Chosen Option : 1

Q.13 Machines, tools and implements, and buildings are examples of which type of goods?

- Ans  1. Consumer goods  
 2. Inferior goods  
 3. Intermediate goods  
 4. Capital goods

Question ID : 26433059254

Status : Answered

Chosen Option : 4

Q.14 Which of the following has the highest value of resistivity?

- Ans  1. Silver  
 2. Nichrome  
 3. Chromium  
 4. Iron

Question ID : 26433059080

Status : Answered

Chosen Option : 2

Q.15 Asad Ali Khan is best known for his mastery over which of the given musical instruments?

- Ans  1. Surbahar  
 2. Violin  
 3. Tabla  
 4. Rudra Veena

Question ID : 264330131304

Status : Answered

Chosen Option : 1

Q.16 The part of the Himalayas lying between Satluj and \_\_\_\_\_ rivers is known as Kumaon Himalayas.

Ans  1. Indus

2. Kali

3. Brahmaputra

4. Teesta

Question ID : 264330113286

Status : Answered

Chosen Option : 2

Q.17 In December 2021, Aanchal Thakur was in news for winning a bronze medal at an international event. Which sport is she associated with?

Ans  1. Alpine Skiing

2. Biathlon

3. Billiards

4. Figure Skating

Question ID : 26433092457

Status : Not Answered

Chosen Option : --

Q.18 Which of the following organisations is credited with writing literary pieces for the abolition of Sati Pratha?

Ans  1. The Harijan Sevak Sangh

2. The Brahmo Samaj

3. The Satya Shodhak Samaj

4. The Bahujan Samaj

Question ID : 264330109821

Status : Answered

Chosen Option : 2

Q.19 The pensions payable to or in respect of the officers and servants of the Supreme Court are charged upon \_\_\_\_\_.

Ans  1. Consolidated Fund of India

2. Reserve Bank of India

3. Public Account of India

4. Finance Commission of India

Question ID : 264330133077

Status : Answered

Chosen Option : 1

Q.20 On 20 July 2021, the Supreme Court struck down certain provisions of part IX B of the Constitution of India. Part IX B was related to:

- Ans  1. Panchayats  
 2. Municipalities  
 3. Co-operative Societies  
 4. Sub-ordinate Courts

Question ID : 26433072894

Status : Answered

Chosen Option : 3

Q.21 Which of the following Indian states was the host of the 36<sup>th</sup> national games?

- Ans  1. Punjab  
 2. Maharashtra  
 3. Gujarat  
 4. Haryana

Question ID : 264330130627

Status : Answered

Chosen Option : 3

Q.22 Which element of Group 17 has two isotopes of masses 35 and 37 amu with average abundance of 75.77% and 24.23%, respectively?

- Ans  1. Chlorine  
 2. Iodine  
 3. Fluorine  
 4. Astatine

Question ID : 264330110046

Status : Answered

Chosen Option : 1

Q.23 'Dalkhai' is a folk dance of which of the following states of India?

- Ans  1. Punjab  
 2. Kerala  
 3. Odisha  
 4. Karnataka

Question ID : 26433094871

Status : Answered

Chosen Option : 3

Q.24 Which of the following countries never hosted the Paralympic games ?

- Ans  1. Israel  
 2. Japan  
 3. South Korea  
 4. India

Question ID : 264330109683

Status : Not Answered

Chosen Option : --

Q.25 The 'Right to Work' plan, under the National Rural Employment Guarantee Act, 2005, was implemented in how many districts in the first phase?

- Ans  1. 150  
 2. 200  
 3. 100  
 4. 120

Question ID : 264330144074

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Simplify

$$2.5 \times [144 \div 198 \times \{121 \times 81 \div (11 \times 9)\}]$$

- Ans  1. 180  
 2. 175  
 3. 185  
 4. 190

Question ID : 264330143484

Status : Answered

Chosen Option : 1

Q.2 There are 3 members in a family. The average age of the father and mother is 40 years. The average age of the father, mother and daughter is 30 years. Find the age (in years) of the daughter.

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

Question ID : 264330129920

Status : Answered

Chosen Option : 3

**Q.3** A shopkeeper sells an item at a profit of 15% and uses a weight which is 20% less.  
Find his actual profit percentage.

- Ans  1. 42.5%  
 2. 50%  
 3. 40%  
 4. 43.75%

Question ID : 26433082380

Status : Answered

Chosen Option : 4

**Q.4** Find the smallest number that can be subtracted from 148109326 so that it becomes divisible by 8.

- Ans  1. 4  
 2. 8  
 3. 6  
 4. 10

Question ID : 264330129914

Status : Answered

Chosen Option : 3

**Q.5** Simplify the following expression.

$$(3x+5)^2 + (3x-5)^2$$

- Ans  1.  $500x$   
 2.  $450x$   
 3.  $9x^2 + 50$   
 4.  $2(9x^2 + 25)$

Question ID : 264330145534

Status : Answered

Chosen Option : 4

**Q.6** The volume of a cone with height equal to radius, and slant height 5 cm is :

- Ans  1.  $\frac{125\pi}{12\sqrt{3}} \text{ cm}^3$   
 2.  $\frac{125\pi}{6\sqrt{3}} \text{ cm}^3$   
 3.  $\frac{125\pi}{12\sqrt{2}} \text{ cm}^3$   
 4.  $\frac{125\pi}{6\sqrt{2}} \text{ cm}^3$

Question ID : 26433081741

Status : Not Answered

Chosen Option : --

Q.7 A policeman noticed a thief from 300 m. The thief started running and the policeman was chasing him. The thief and the policeman ran at the speeds of 8 km/h and 9 km/h, respectively. What was the distance between them after 3 minutes?

- Ans  1. 225 m  
 2. 250 m  
 3. 300 m  
 4. 400 m

Question ID : 264330122079

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.8 If  $\sin t + \cos t = \frac{4}{5}$ , then find  $\sin t \cdot \cos t$ .

- Ans  1.  $\frac{9}{50}$   
 2.  $\frac{-9}{50}$   
 3.  $\frac{9}{25}$   
 4.  $\frac{-9}{25}$

Question ID : 264330122102

Status : Not Answered  
Chosen Option : --

Q.9 Simplify the given expression.  
 $y + 2x - [(y - (y - x + y) - (x + y) + y] - 2y.$

- Ans  1. -y  
 2. -2x  
 3. Y  
 4. 2x

Question ID : 264330130398

Status : Not Answered  
Chosen Option : --

**Q.10** A, B and C, working alone, can complete a job in 16, 24 and 36 days, respectively. In how many days can they complete the job if they work together?

Ans

1.  $7\frac{11}{19}$

2.  $5\frac{17}{19}$

3.  $4\frac{13}{19}$

4.  $6\frac{7}{19}$

Question ID : 264330112850

Status : Answered

Chosen Option : 1

**Q.11** A person deposited ₹500 for 3 years, ₹650 for 5 years, and ₹1,250 for 7 years. He received a total simple interest of ₹1,620. The rate of interest per annum is:

Ans  1. 12%

2. 13%

3. 10.8%

4. 11%

Question ID : 264330104359

Status : Answered

Chosen Option : 1

**Q.12** Rakshit, Ajay, and Satish are sanitation workers in a Municipal Corporation. Rakshit alone takes 20 hours to clean a drain while Ajay takes 12 hours when working alone to do the same. All three together take only 5 hours to clean the drain. In how many hours, can Satish complete the work alone?

Ans  1. 12

2. 10

3. 15

4. 18

Question ID : 264330130020

Status : Answered

Chosen Option : 3

**Q.13**  $\Delta ABC \sim \Delta DEF$  and the perimeters of  $\Delta ABC$  and  $\Delta DEF$  are 40 cm and 12 cm, respectively. If  $DE = 6$  cm, then  $AB$  is:

Ans  1. 12.6 cm

2. 24 cm

3. 20 cm

4. 10 cm

Question ID : 264330143615

Status : Not Answered

Chosen Option : --

Q.14 On a circular path of 693 m, Sujata and Anjali start walking from the same point but in the opposite directions at the speed of 2.85 km/h and 1.5 m/sec, respectively. When they will meet for the first time?

- Ans  1. After 6.75 minutes  
 2. After 6.05 minutes  
 3. After 5.04 minutes  
 4. After 4.56 minutes

Question ID : 26433080394

Status : Not Answered

Chosen Option : --

Q.15 Select the INCORRECT formula from the following options.

- Ans  1.  $\sec^2 \theta - \tan^2 \theta = 1$   
 2.  $\sin^2 \theta + \cos^2 \theta = 1$   
 3.  $\operatorname{cosec}^2 \theta - \cot^2 \theta = 1$   
 4.  $\sec^2 \theta + \cos^2 \theta = 1$

Question ID : 264330145501

Status : Answered

Chosen Option : 4

Q.16 15 men and 25 women can complete a piece of work in 9.6 days. If 16 women can complete the same work in 27 days, find the number of days in which 16 men can complete the same work.

- Ans  1. 22.50  
 2. 20.25  
 3. 19.20  
 4. 21.60

Question ID : 264330114518

Status : Not Answered

Chosen Option : --