

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.

31, 37, 46, 60, 81, ?

Ans  1. 117

2. 106

3. 122

4. 111

Question ID : 26433057778

Status : Answered

Chosen Option : 4

Q.21 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.)

(28, 65, 261)

(37, 83, 342)

Ans  1. (39, 42, 393)

2. (46, 92, 414)

3. (29, 54, 358)

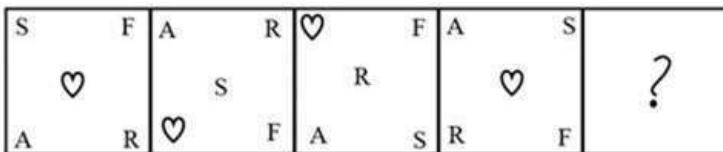
4. (78, 95, 485)

Question ID : 26433057518

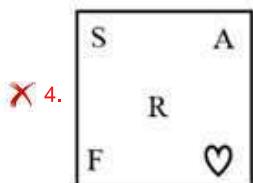
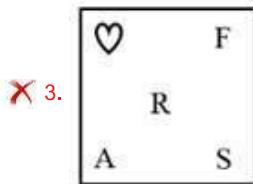
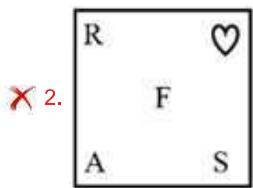
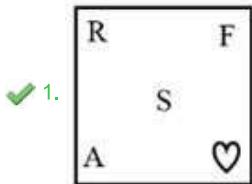
Status : Not Answered

Chosen Option : --

Q.22 Select the figure that will replace the question mark (?) in the following figure series.



Ans

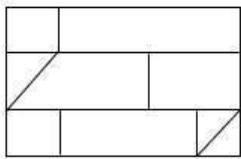


Question ID : 264330143843

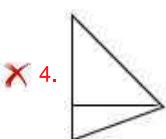
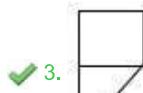
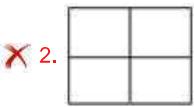
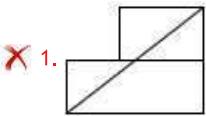
Status : Answered

Chosen Option : 1

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



Ans

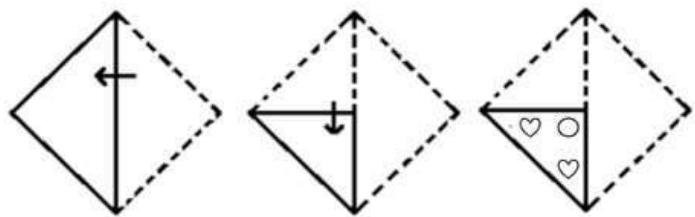


Question ID : 26433097257

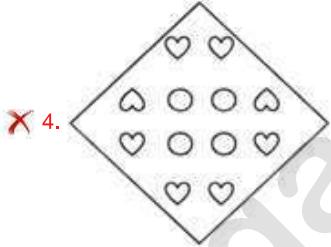
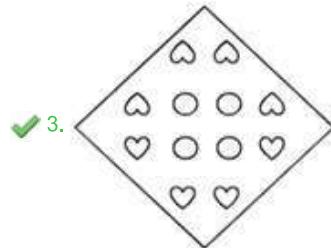
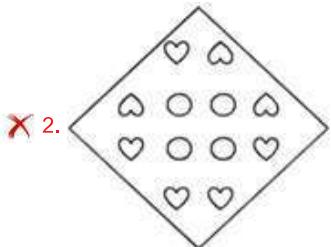
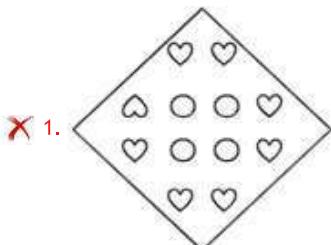
Status : Answered

Chosen Option : 3

Q.24 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans



Question ID : 26433080546

Status : Answered

Chosen Option : 3

Q.25 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.

ORANGE : FIQEWEU :: MANGO : PIQER :: APPLE : ?

- Ans  1. ELPPA  
 2. FNSTF  
 3. GNSTG  
 4. ENSTE

Question ID : 26433090022

Status : Answered

Chosen Option : 2

Section : General Awareness

Q.1 \_\_\_\_\_ was the chairman of the planning commission when the first five year plan was formulated in India.

- Ans  1. Dr Rajendra Prasad  
 2. Subhash Chandra Bose  
 3. Lal Bahadur Shastri  
 4. Jawaharlal Nehru

Question ID : 264330109100

Status : Answered

Chosen Option : 4

Q.2 In the self-help group, the loan and saving decisions are taken by the \_\_\_\_\_.

- Ans  1. group members  
 2. non-government organisation  
 3. bank  
 4. government

Question ID : 264330109973

Status : Answered

Chosen Option : 1

Q.3 As per the announcement made by the Education Minister, Dharmendra Pradhan in August 2021, the duration of Samagra Shiksha Scheme 2 is from 1 April 2021 to \_\_\_\_\_.

- Ans  1. 31 December 2024  
 2. 31 March 2023  
 3. 31 March 2026  
 4. 31 December 2021

Question ID : 26433061844

Status : Answered

Chosen Option : 3

Q.4 According to Kautilya's Arthashastra, the Commanding Officer of the cavalry in the Mauryan administration was known as:

- Ans  1. Rathadhyaksha  
 2. Hastyadhyaksha  
 3. Ashwadhyaksha  
 4. Patyadhyaksha

Question ID : 264330113655

Status : Answered

Chosen Option : 3

Q.5 Doongri festival of Himachal Pradesh is primarily celebrated by which religious community?

- Ans  1. Buddhist  
 2. Sikh  
 3. Muslim  
 4. Hindu

Question ID : 264330109619

Status : Answered

Chosen Option : 4

Q.6 Arjun Singh Dhurve was conferred the Padma Shri in 2022 for his contribution to the Baiga dance form of which state?

- Ans  1. Odisha  
 2. Rajasthan  
 3. West Bengal  
 4. Madhya Pradesh

Question ID : 26433055425

Status : Not Answered

Chosen Option : --

Q.7 Which of the soluble fibres found in fruits is used as a thickener in cooking and baking?

- Ans  1. Lignin  
 2. Cellulose  
 3. Pectin  
 4. Inulin

Question ID : 264330113486

Status : Answered

Chosen Option : 2

Q.8 'Vazhuvoor' is one of the styles of which Indian classical dance form?

- Ans  1. Kathak  
 2. Bharatanatyam  
 3. Kathakali  
 4. Mohiniyattam

Question ID : 26433054864

Status : Answered

Chosen Option : 3

Q.9 Who was the Mughal emperor during the third battle of Panipat?

- Ans  1. Akbar II  
 2. Shahalam II  
 3. Bahadur Shah I  
 4. Bahadurshah Jafar

Question ID : 264330114038

Status : Answered

Chosen Option : 2

Q.10 The Champaran Satyagraha took place in \_\_\_\_\_.

- Ans  1. 1914  
 2. 1923  
 3. 1917  
 4. 1920

Question ID : 264330110212

Status : Answered

Chosen Option : 3

Q.11 According to Koeppen's Scheme, which type of climate is denoted by the letter 'E' in India?

- Ans  1. Tropical savannah  
 2. Hot desert  
 3. Monsoon with dry summer  
 4. Polar type

Question ID : 264330116461

Status : Answered

Chosen Option : 4

Q.12 When did Carl Friedrich Gauss and Wilhelm Eduard Weber invent the world's first electromagnetic telegraph?

Ans  1. 1833

2. 1832

3. 1830

4. 1831

Question ID : 264330144061

Status : Not Answered

Chosen Option : --

Q.13 Who among the following was one of the founders of Rahnumai Mazdayasnan Sabha or Religious Reform Association?

Ans  1. Kesub Chandra Sen

2. Dadabhai Naoroji

3. Muhammad Iqbal

4. Aatmarang Pandurang

Question ID : 264330141528

Status : Not Answered

Chosen Option : --

Q.14 In which of the following cities of British India was Lata Mangeshkar born?

Ans  1. Bombay

2. Calcutta

3. Lucknow

4. Indore

Question ID : 26433074117

Status : Answered

Chosen Option : 4

Q.15 When did India first win the first World Cup title in Hockey?

Ans  1. 1975

2. 1978

3. 1971

4. 1982

Question ID : 264330120057

Status : Not Answered

Chosen Option : --

Q.16 Which of the following periods is known as the period of population explosion in India?

- Ans  1. 1981 - 2021  
 2. 1931 - 1961  
 3. 1921 - 1951  
 4. 1951 - 1981

Question ID : 264330109873

Status : Answered

Chosen Option : 3

Q.17 Which of the following is NOT one of the scenarios of National Digital Education Architecture (NDEAR) launched by the Government of India in 2021?

- Ans  1. Manage Learn  
 2. Learn  
 3. Develop Learn  
 4. Help Learn

Question ID : 26433061798

Status : Not Answered

Chosen Option : --

Q.18 Which form of leucoplast specialises in oil synthesis and storage and is mainly found in the layer of cells in pollen grains that develop pollen grains?

- Ans  1. Gerontoplasts  
 2. Proteinoplasts  
 3. Chloroplasts  
 4. Elaioplasts

Question ID : 264330110082

Status : Answered

Chosen Option : 2

Q.19 Which of the following statements are correct regarding the State Executive?

- A. Article 152 of the Indian Constitution states 'Unless the context otherwise requires, the expression 'State' does not include Jammu and Kashmir'.  
B. The 7th Constitutional Amendment Act has provided for the appointment of the same person as Governor for two or more states.  
C. The Supreme Court clearly mentioned that the office of the Governor is under the control of the Central Government.

- Ans  1. B and C only  
 2. A and C only  
 3. A, B and C  
 4. A and B only

Question ID : 264330114792

Status : Not Answered

Chosen Option : --

Q.20 The 'East-West' corridor connects which of the following cities?

- Ans  1. Itanagar and Dwarka  
 2. Guwahati and Gandhinagar  
 3. Shillong and Kandla  
 4. Silchar and Porbandar

Question ID : 264330109494

Status : Answered

Chosen Option : 4

Q.21 The centre of a cyclone is a calm area. It is called the \_\_\_\_\_ of the storm.

- Ans  1. base  
 2. focal point  
 3. eye  
 4. trigger point

Question ID : 26433054055

Status : Answered

Chosen Option : 3

Q.22 The feature of fundamental duties in the Indian Constitution is adopted from which of the following countries?

- Ans  1. UK  
 2. Germany  
 3. US  
 4. Soviet Union (USSR)

Question ID : 26433064823

Status : Answered

Chosen Option : 4

Q.23 The Nehru trophy boat race was organised by which of the following states?

- Ans  1. Karnataka  
 2. Tamil Nadu  
 3. West Bengal  
 4. Kerala

Question ID : 264330109704

Status : Answered

Chosen Option : 4

Q.24 As mentioned in the Government of India's Economic Survey 2022-23, Aadhaar is an essential tool for social delivery of how many Central Schemes as notified under Section 7 of the Aadhaar Act, 2016?

- Ans  1. 228  
 2. 564  
 3. 318  
 4. 720

Question ID : 264330133006

Status : Not Answered

Chosen Option : --

Q.25 Which suffix is used when the -CHO group is attached to a carbon atom of a ring or ring system, or to a heteroatom?

- Ans  1. Amide  
 2. Halide  
 3. Nitrile  
 4. Carbaldehyde

Question ID : 264330110048

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude

Q.1 6 labourers can finish a work in 16 days. 10 labourers are available, but the work is to be finished by 8 days. How many more labourers are to be called to finish the work in time?

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

Question ID : 264330126150

Status : Answered

Chosen Option : 1

Q.2 R, S and T can finish a work in 20, 15 and 10 days, respectively. R works on all days and S and T work on alternate days with T starting the work on the first day. In how many days is the work finished?

- Ans  1. 61/7  
 2. 50/7  
 3. 52/7  
 4. 57/8

Question ID : 264330112115

Status : Answered

Chosen Option : 3

Q.3 The side of an equilateral triangle is 12 cm. What is the area (in  $\text{cm}^2$ , rounded off to 2 decimal places) of the triangle? Given:  $\sqrt{3} = 1.732$

- Ans  1. 68.07  
 2. 63.89  
 3. 62.35  
 4. 65.23

Question ID : 264330103572

Status : Answered

Chosen Option : 3

Q.4 A dishonest shopkeeper sells mangoes at ₹30/kg bought at ₹20/kg and he is giving 800 g instead of 1 kg. The shopkeeper's actual profit percentage is:

- Ans  1. 75%  
 2. 37.5%  
 3. 50%  
 4. 87.5%

Question ID : 26433087362

Status : Answered

Chosen Option : 4

Q.5 Simplify  $\frac{1}{2+2p} + \frac{1}{2+2q} + \frac{1}{2+2r}$ , where  $p = \frac{x}{y+z}$ , if  $q = \frac{y}{z+x}$  and  $r = \frac{z}{x+y}$ .

- Ans  1.  
 2.  $x+y+z$   
 3. 2  
 4.  $\frac{1}{2}$

Question ID : 264330122115

Status : Answered

Chosen Option : 1

Q.6 A ball is to be made with inner radius of 2 units and outside radius of 3 units. How much material is required to make the ball?

Ans

1.  $\frac{19}{3}\pi$

2.  $19\pi$

3.  $\frac{76}{3}\pi$

4.  $\pi$

Question ID : 26433081739

Status : Answered

Chosen Option : 3

Q.7 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it?

Ans  1. 44

2. 40

3. 15

4. 16

Question ID : 264330109148

Status : Answered

Chosen Option : 2

Q.8 The given chart shows the marks scored by a class X student in different subjects.

Class X Marks of a Student  
(Values are in Degrees)



If the total marks are 1800, then find the marks in social science.

Ans  1. 350

2. 306

3. 360

4. 72

Question ID : 264330100286

Status : Answered

Chosen Option : 3

**Q.9** If  $a \cot \theta = b$ , then what will be the value of  $\frac{b \cos \theta - a \sin \theta}{b \cos \theta + a \sin \theta}$  ?

Ans

- 1.  $\frac{b^2 + a^2}{b^2 - a^2}$
- 2.  $b^2 + a^2$
- 3.  $\frac{b^2 - a^2}{b^2 + a^2}$
- 4. 0

Question ID : 264330143512

Status : Answered

Chosen Option : 3

**Q.10** The time required for a sum of money to amount to three times itself at 8% simple interest p.a. will be:

Ans  1. 35 years  
 2. 25 years  
 3. 30 years  
 4. 20 years

Question ID : 264330104396

Status : Answered

Chosen Option : 2

**Q.11** Simplify:

$$220 + 80 \div [63 - \{7 \times 8 + (13 - 2 \times 4)\}]$$

Ans  1. 260  
 2. 270  
 3. 240  
 4. 250

Question ID : 264330143504

Status : Answered

Chosen Option : 1

**Q.12** A boat covers a distance of 80 km downstream in 8 h while it takes 10 h to cover the same distance upstream. What is the speed (in km/h) of the boat in still water?

Ans  1. 18  
 2. 12  
 3. 9  
 4. 16

Question ID : 264330126532

Status : Answered

Chosen Option : 1

Q.13 Simplify the given expression.

$$\frac{1+\sin^4 \theta + \cos^4 \theta}{\cos^2 \theta + \sin^4 \theta}$$

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

Question ID : 26433075422

Status : Answered

Chosen Option : 3

Q.14 Dharmendra can row 80 km upstream and 110 km downstream in 13 hours. Also, he can row 60 km upstream and 88 km downstream in 10 hours. What is the speed (in km/h) of the current?

- Ans  1. 6  
 2. 16  
 3. 10  
 4. 12

Question ID : 264330103992

Status : Answered

Chosen Option : 3

Q.15 In an examination a candidate had to sit for three papers A, B, and C. The candidate secured 75% marks in Paper A, 80% marks in Paper B, and 60% marks in Paper C. If the weightage assigned to Papers A, B, and C were 40%, 50% and 10%, respectively, then find the weighted percentage of marks obtained by the candidate, when all the three papers were taken together.

- Ans  1. 77%  
 2. 74%  
 3. 72%  
 4. 76%

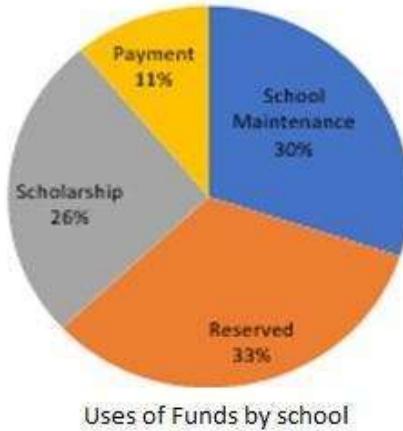
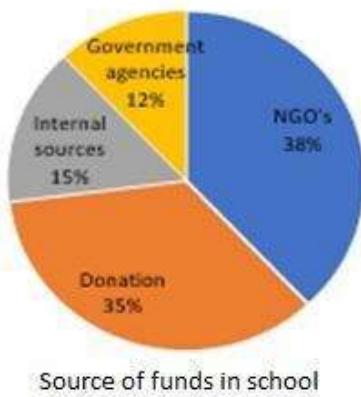
Question ID : 264330131122

Status : Answered

Chosen Option : 4

Q.16 Study the given pie-chart carefully and answer the following question.  
What is the total amount (in Rs.) used by the school for the payment?

**The entire fund that school gets from different sources is equal to Rs.10 lakh**



- Ans  1. 1,20,000  
 2. 3,10,000  
 3. 1,10,000  
 4. 2,10,000

Question ID : 264330131541

Status : Answered

Chosen Option : 3

Q.17 If  $(4y - \frac{4}{y}) = 13$ , find the value of  $(y^2 + \frac{1}{y^2})$ .

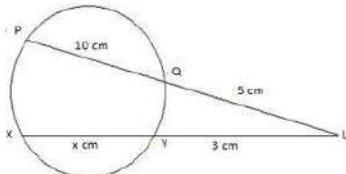
- Ans  1.  $12\frac{11}{16}$   
 2.  $10\frac{9}{16}$   
 3.  $12\frac{9}{16}$   
 4.  $8\frac{9}{16}$

Question ID : 264330114547

Status : Answered

Chosen Option : 4

**Q.18** In the given figure, chords XY and PQ intersect each other at point L. Find the length of XY (in cm).



Ans  1. 21

2. 20

3. 22

4. 23

Question ID : 264330143547

Status : Answered

Chosen Option : 3

**Q.19** A person marks his goods  $x\%$  above the cost price and allows a discount of 12% on the marked price. If his profit is 10%, then the difference between  $x\%$  and the profit percentage is:

Ans  1. 15%

2. 18%

3. 13%

4. 10%

Question ID : 264330103670

Status : Answered

Chosen Option : 1

**Q.20** Two equal circles of radius 18 cm intersect each other, such that each passes through the centre of the other. The length of the common chord is \_\_\_\_\_.

Ans  1.  $6\sqrt{27}$  cm

2.  $9\sqrt{27}$  cm

3.  $\sqrt{3}$  cm

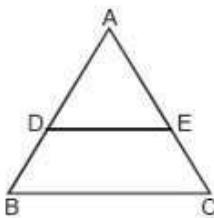
4.  $3\sqrt{3}$  cm

Question ID : 264330143557

Status : Answered

Chosen Option : 2

- Q.21** In the given  $\Delta ABC$ ,  $DE \parallel BC$ . If  $BC = 8 \text{ cm}$ ,  $DE = 6 \text{ cm}$  and area of  $\Delta ADE = 90 \text{ cm}^2$ , then what is the area of  $\Delta ABC$  (in  $\text{cm}^2$ )?



- Ans  1. 140  
 2. 120  
 3. 160  
 4. 190

Question ID : 264330129965

Status : Answered

Chosen Option : 3

- Q.22** Rima spends 35% of her monthly income on food articles and 15% of the remaining on clothes. She saves 40% of the remaining income. If her monthly salary is ₹27,500, how much does she save (in ₹) every month?

- Ans  1. 6077.5  
 2. 6170.5  
 3. 6277.5  
 4. 6370.5

Question ID : 264330102335

Status : Answered

Chosen Option : 1

- Q.23** A pole is 9030 cm long. It is colored saffron, white and green in the ratio of 6:7:8. Find the length of the green part of the pole.

- Ans  1. 3440cm  
 2. 3010cm  
 3. 3480cm  
 4. 2580cm

Question ID : 264330103408

Status : Answered

Chosen Option : 1

- Q.24** If  $x + \frac{1}{x} = 9$ , then find  $x^4 + \frac{1}{x^4}$ .

- Ans  1. 5431  
 2. 6561  
 3. 6156  
 4. 6239

Question ID : 264330126619

Status : Answered

Chosen Option : 4

Q.25 Find the value of k if  $13 - [10 - \{16 + 8 \div (k - 2)\} + 2] = 20$ .

Ans

- ✓ 1.  $\frac{14}{3}$
- ✗ 2.  $\frac{31}{3}$
- ✗ 3.  $\frac{40}{13}$
- ✗ 4.  $\frac{23}{13}$

Question ID : 26433061717

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the grammatically correct sentence.

Ans

- ✗ 1. The warrior was waiting for an right time to attack the lion hiding in a cave.
- ✓ 2. The warrior was waiting for the right time to attack the lion hiding in the cave.
- ✗ 3. An warrior was waiting for a right time to attack the lion hiding in the cave.
- ✗ 4. The warrior was waiting for a right time to attack an lion hiding in the cave.

Question ID : 26433073775

Status : Answered

Chosen Option : 2

Q.2 Select the most appropriate synonym for the underlined word in the given sentence.

The hot sun enervated the labourer to the extent that he collapsed.

Ans

- ✓ 1. weaken
- ✗ 2. alleviate
- ✗ 3. energise
- ✗ 4. elevate

Question ID : 26433073758

Status : Answered

Chosen Option : 1

Q.3 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. I would attach as many as four of them to a crosspiece, rotably arranged on a thin spindle, and transmit the motion of the same to a large disc and so derive considerable 'power'.
- B. In my next attempt I seem to have acted under the first instinctive impulse which later dominated me – to harness the energies of nature to the service of man.
- C. These creatures were remarkably efficient, for once they were started they had no sense to stop and continued whirling for hours and hours and the hotter it was the harder they worked.
- D. I did this through the medium of May-bugs – or June-bugs as they are called in America – which were a veritable pest in that country and sometimes broke the branches of trees by the sheer weight of their bodies.

Ans  1. BACD  
 2. ACBD  
 3. BDAC  
 4. DACB

Question ID : 264330143867

Status : Answered

Chosen Option : 3

Q.4 Select the INCORRECTLY spelt word.

Ans  1. Hoarse  
 2. Imprint  
 3. Precious  
 4. Visious

Question ID : 26433091840

Status : Answered

Chosen Option : 4

Q.5 Select the option that can be used as a one-word substitute for the given group of words.

To move or travel back and forth frequently

Ans  1. Grapple  
 2. Shuttle  
 3. Rupture  
 4. Foster

Question ID : 26433089106

Status : Answered

Chosen Option : 2

Q.6 Select the most appropriate ANTONYM of the underlined word.

My complaint is that the gardener dozes off during work.

- Ans  1. Challenge  
 2. Carp  
 3. Praise  
 4. Demur

Question ID : 26433088452

Status : Answered

Chosen Option : 3

Q.7 Select the most appropriate option that can substitute the underlined segment in the given sentence.

You can always dependent on me.

- Ans  1. depend over me  
 2. depend for me  
 3. depend at me  
 4. depend on me

Question ID : 26433098970

Status : Answered

Chosen Option : 4

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

Willing to take risks and try new ideas.

- Ans  1. Resolute  
 2. Desperate  
 3. Adventurous  
 4. Mythical

Question ID : 26433087910

Status : Answered

Chosen Option : 3

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

Exuberance

- Ans  1. Vibrancy  
 2. Laziness  
 3. Sympathy  
 4. Impartiality

Question ID : 264330137242

Status : Not Answered

Chosen Option : --

Q.10 Select the option that expresses the given sentence in passive voice.  
Rakesh will win the lottery.

- Ans  1. The lottery is won by Rakesh.  
 2. The lottery will have won by Rakesh.  
 3. The lottery will be won by Rakesh.  
 4. The lottery was won by Rakesh.

Question ID : 264330121835

Status : Answered

Chosen Option : 3

Q.11 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.Those verses are collectively known as the Bhagavadgita.  
B.His hesitation before the battle against his family became the occasion for his friend and charioteer, Lord Krishna, to deliver a discourse on dharma.  
C.Arjuna was one of the five Pandava brothers, who are the heroes of the Indian epic, the 'Mahabharata'.  
D.He was the son of the god Indra and was famous for his archery.

- Ans  1. DCBA  
 2. CDBA  
 3. ABDC  
 4. BADC

Question ID : 26433096948

Status : Answered

Chosen Option : 2

Q.12 Select the INCORRECTLY spelt word.

- Ans  1. Entrance  
 2. Brief  
 3. Thunder  
 4. Statinary

Question ID : 264330117201

Status : Answered

Chosen Option : 4

Q.13 Select the option that expresses the given sentence in passive voice.  
Authorities denied his simple request.

- Ans  1. His simple request has been denied by authorities.  
 2. His simple request is denied by authorities.  
 3. His simple request had been denied by authorities.  
 4. His simple request was denied by authorities.

Question ID : 264330135871

Status : Answered

Chosen Option : 4

Q.14 Select the most appropriate phrasal verb to fill in the blank.

The details were \_\_\_\_\_ from one person to the other within no time.

Ans  1. passed away

2. passed in

3. passed down

4. passed out

Question ID : 26433084921

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate option to fill in the blank.

The room was very\_\_\_\_\_.

Ans  1. quit

2. quilt

3. quiet

4. quite

Question ID : 26433099002

Status : Answered

Chosen Option : 3

Q.16 Select the correct idiom to replace the underlined segment in the given sentence.

Harry always speaks his eye but he is not always very diplomatic!

Ans  1. speaks his tongue

2. reads his heart

3. speaks his mind

4. listens his ear

Question ID : 26433092314

Status : Answered

Chosen Option : 3

Q.17 Select the most appropriate meaning of the given idiom.

Pass the buck

Ans  1. Providing essential services

2. Trying to calm down

3. Blaming another person

4. Saying something unpleasant

Question ID : 26433091348

Status : Answered

Chosen Option : 1

Q.18 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The lizard's light brown skin acts as camouflage in the desert sand.

- Ans  1. clothed  
 2. mask  
 3. reveal  
 4. vanishing

Question ID : 264330117119

Status : Answered

Chosen Option : 3

Q.19 Select the most appropriate meaning of the underlined word in the given sentence.

We have always been told retaliation is not the key to resolving problems.

- Ans  1. revenge  
 2. outcome  
 3. realisation  
 4. pamper

Question ID : 26433092302

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)There is a general belief that these medicines heal ailments safely.  
B)The 'safe healing' is actually that which doesn't have any side effects.  
C)Positive healing without any unwanted effect on the body drives the trend.  
D)Herbal medicines are a new trend these days.

- Ans  1. ADCB  
 2. DACB  
 3. DABC  
 4. ACDB

Question ID : 26433091365

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 structure of human psyche, as postulated by Sigmund Freud, (1)\_\_\_\_\_ of the ego, the super ego, and the id. The ego forms the part of our conscious mind which we work with and are most (2)\_\_\_\_\_. The super ego forms our conscience in the form of the unconscious and works on the (3)\_\_\_\_\_ of social and cultural influences. The id represents our subconscious which contains all (4)\_\_\_\_\_ thoughts, desires, and dreams. Dreams work as a free pathway into the subconscious, which is an inaccessible zone in general. It can also contain (5)\_\_\_\_\_ scenes or images that apparently have no relation to anything related to the person.

**SubQuestion No : 21**

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

- Ans  1. desires  
 2. lacks  
 3. grapples  
 4. consists

Question ID : 264330134154

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 structure of human psyche, as postulated by Sigmund Freud, (1)\_\_\_\_\_ of the ego, the super ego, and the id. The ego forms the part of our conscious mind which we work with and are most (2)\_\_\_\_\_. The super ego forms our conscience in the form of the unconscious and works on the (3)\_\_\_\_\_ of social and cultural influences. The id represents our subconscious which contains all (4)\_\_\_\_\_ thoughts, desires, and dreams. Dreams work as a free pathway into the subconscious, which is an inaccessible zone in general. It can also contain (5)\_\_\_\_\_ scenes or images that apparently have no relation to anything related to the person.

**SubQuestion No : 22**

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

- Ans  1. afraid  
 2. dependent  
 3. aware  
 4. resistant

Question ID : 264330134155

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 structure of human psyche, as postulated by Sigmund Freud, (1)\_\_\_\_\_ of the ego, the super ego, and the id. The ego forms the part of our conscious mind which we work with and are most (2)\_\_\_\_\_. The super ego forms our conscience in the form of the unconscious and works on the (3)\_\_\_\_\_ of social and cultural influences. The id represents our subconscious which contains all (4)\_\_\_\_\_ thoughts, desires, and dreams. Dreams work as a free pathway into the subconscious, which is an inaccessible zone in general. It can also contain (5)\_\_\_\_\_ scenes or images that apparently have no relation to anything related to the person.

**SubQuestion No : 23**

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

- Ans  1. love  
 2. counter  
 3. understanding  
 4. basis

Question ID : 264330134156

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The structure of human psyche, as postulated by Sigmund Freud, (1)\_\_\_\_\_ of the ego, the super ego, and the id. The ego forms the part of our conscious mind which we work with and are most (2)\_\_\_\_\_. The super ego forms our conscience in the form of the unconscious and works on the (3)\_\_\_\_\_ of social and cultural influences. The id represents our subconscious which contains all (4)\_\_\_\_\_ thoughts, desires, and dreams. Dreams work as a free pathway into the subconscious, which is an inaccessible zone in general. It can also contain (5)\_\_\_\_\_ scenes or images that apparently have no relation to anything related to the person.

**SubQuestion No : 24**

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

- Ans  1. repressed  
 2. heavy  
 3. legal  
 4. sanctioned

Question ID : 264330134157

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The structure of human psyche, as postulated by Sigmund Freud, (1)\_\_\_\_\_ of the ego, the super ego, and the id. The ego forms the part of our conscious mind which we work with and are most (2)\_\_\_\_\_. The super ego forms our conscience in the form of the unconscious and works on the (3)\_\_\_\_\_ of social and cultural influences. The id represents our subconscious which contains all (4)\_\_\_\_\_ thoughts, desires, and dreams. Dreams work as a free pathway into the subconscious, which is an inaccessible zone in general. It can also contain (5)\_\_\_\_\_ scenes or images that apparently have no relation to anything related to the person.

**SubQuestion No : 25**

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

- Ans  1. parallel  
 2. constricted  
 3. concurrent  
 4. bizarre

Question ID : 264330134158

Status : Answered

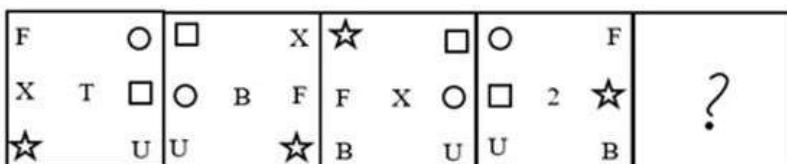
Chosen Option : 1

### Combined Graduate level Examination 2023 Tier I

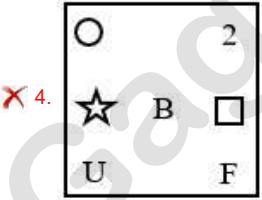
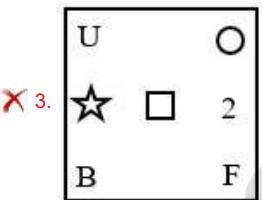
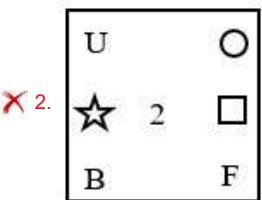
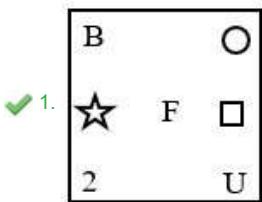
Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	iON Digital Zone iDZ Borjhar
Exam Date	25/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

- Q.1** Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 264330143835

Status : Not Answered

Chosen Option : --

**Q.2** Which two signs and two numbers should be interchanged to make the following equation correct?

$$784 \div 6 \times 9 - 30 + 14 = 528$$

Ans  1. 14 and 6, + and -

2. 784 and 30, + and  $\times$

3. 784 and 6,  $\times$  and -

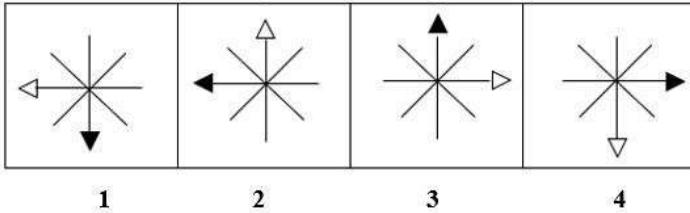
4. 9 and 6,  $\div$  and +

Question ID : 264330122146

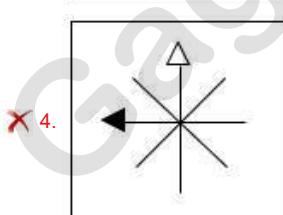
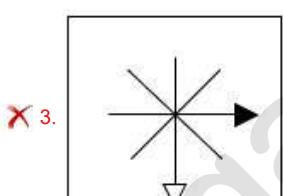
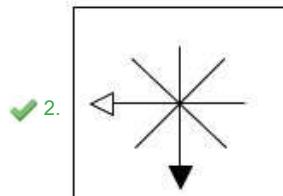
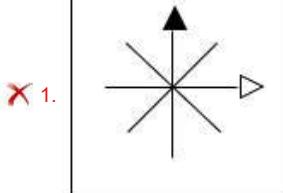
Status : Answered

Chosen Option : 1

**Q.3** 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



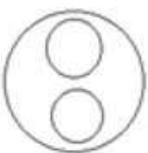
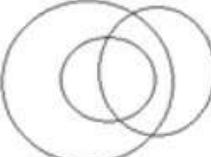
Question ID : 26433087312

Status : Answered

Chosen Option : 2

- Q.4 Select the Venn diagram that best illustrates the relationship between the following classes.  
Graduates, Educated, Unemployed

Ans

- X 1. 
- ✓ 2. 
- X 3. 
- X 4. 

Question ID : 26433090912

Status : Answered

Chosen Option : 2

- Q.5 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1. Monorail
- 2. Monument
- 3. Monopoly
- 4. Monster
- 5. Monitor
- 6. Monsoon

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

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

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

✓ 4. 4, 5, 3, 1, 6, 4, 2

Question ID : 264330132174

Status : Answered

Chosen Option : 4

- Q.6 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.

DISMAY : SIDYAM :: DRIVER : IRDREV :: SAFARI : ?

Ans X 1. SAFIAR

X 2. IRAFAS

✓ 3. FASIRA

X 4. FSAIRA

Question ID : 26433090880

Status : Answered

Chosen Option : 3

**Q.7** Looking at the family picture, Rajan said, "She is my wife's son's father's mother's husband's daughter." How is the girl in the photo related to Rajan?

Ans  1. Sister

2. Mother-in-law

3. Wife's Sister

4. Daughter-in-law

Question ID : 264330122393

Status : Answered

Chosen Option : 1

**Q.8** Select the correct mirror image of the given figure when the mirror is placed at PQ as shown below.



Ans

1. ΣΛΒCΜъ

2. ΡΜCΒVΣ

3. ΡVBCWΡ

4. ΣVBCWΡ

Question ID : 26433080767

Status : Answered

Chosen Option : 4

**Q.9** 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 pens are newspapers.

Some newspapers are novels.

No novel is a book.

Conclusions:

I. Some books are pens.

II. Some novels are pens.

III. No book is a pen.

Ans  1. Either conclusion I or III follows.

2. Both conclusions II and III follow.

3. Either conclusion II or III follows.

4. Both conclusions I and II follow.

Question ID : 26433093150

Status : Answered

Chosen Option : 1

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the 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)

(9, 20, 31)

(38, 49, 60)

Ans  1. (63, 60, 65)

2. (15, 20, 31)

3. (25, 69, 45)

4. (14, 24, 34)

Question ID : 264330130204

Status : Answered

Chosen Option : 4

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

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

(7, 150, 23)

(11, 75, 4)

Ans  1. (4, 108, 16)

2. (8, 90, 11)

3. (9, 80, 11)

4. (15, 140, 13)

Question ID : 26433069230

Status : Answered

Chosen Option : 4

Q.12 In a certain code language, 'RAT' is coded as '39' and 'MICE' is coded as '30'. How will 'ZEBRA' be coded in that language?

Ans  1. 53

2. 52

3. 51

4. 50

Question ID : 264330129681

Status : Answered

Chosen Option : 2

Q.13 Three of the following four letter-clusters are alike in a certain way and one is different.

Pick the odd one out.

Ans  1. ONL

2. RQO

3. HGE

4. DCB

Question ID : 26433069010

Status : Answered

Chosen Option : 4

Q.14 Which letter-cluster will replace the question mark (?) to complete the given series?  
BZVR, DXWQ, ?, HTYO, JRZN

Ans  1. FXPV

2. FXPN

3. FVXP

4. FVPX

Question ID : 26433076670

Status : Answered

Chosen Option : 3

Q.15 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

Z Y R \_ Z \_ R R Z Y \_ R \_ Y R \_

Ans  1. RYRZR

2. ZRYZR

3. RZRYZ

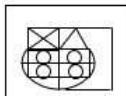
4. ZRRYZ

Question ID : 264330143729

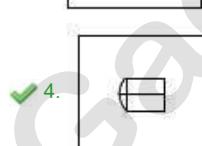
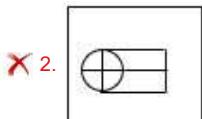
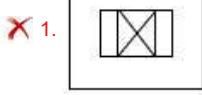
Status : Answered

Chosen Option : 1

Q.16 Select the option figure which is embedded in the given figure (rotation is NOT allowed).



Ans



Question ID : 26433090084

Status : Answered

Chosen Option : 4

**Q.17** 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. 128 : 8  
 2. 288 : 12  
 3. 350 : 15  
 4. 18 : 3

Question ID : 264330143708

Status : Answered

Chosen Option : 3

**Q.18** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 16, 15, 35  
 Second row: 12, 18, 33

Third row: 8, 17, ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 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. 31  
 2. 27  
 3. 25  
 4. 30

Question ID : 264330143713

Status : Not Answered

Chosen Option : --

**Q.19** Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



- Ans  1.   
 2.   
 3.   
 4.

Question ID : 26433068186

Status : Answered

Chosen Option : 1

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.

1029 : 7 :: 2187 : 9 :: 24 : ?

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

Question ID : 26433085826

Status : Answered

Chosen Option : 2

Q.21 Each vowel in the word "FOREFOOT" is changed to the following letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. In the newly formed word, how many alphabets are there in the English alphabetical series between the alphabet which is 2<sup>nd</sup> from the left and 1<sup>st</sup> from the right?

- Ans  1. Three  
 2. Two  
 3. One  
 4. Four

Question ID : 264330132075

Status : Answered

Chosen Option : 2

Q.22 Which of the following numbers will replace the question mark (?) in the given series?  
27, 38, ?, 68, 87, 110

- Ans  1. 47  
 2. 50  
 3. 51  
 4. 53

Question ID : 26433090927

Status : Answered

Chosen Option : 3

Q.23 In a certain code language, 'CAKE' is written as '6874', 'EASY' is written as '4882'. How will 'MAKE' be written in that language?

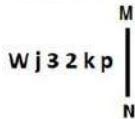
- Ans  1. 5875  
 2. 5874  
 3. 5884  
 4. 5774

Question ID : 26433091588

Status : Answered

Chosen Option : 2

Q.24 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- 1. **d j 2 k p**
- 2. **W i 2 k b**
- 3. **W i 3 2 k b**
- 4. **W i 3 2 k b**

Question ID : 26433056997

Status : Answered

Chosen Option : 4

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

$$3 \times 12 - 6 \div 2 + 12 = 16$$

Ans

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

Question ID : 264330120858

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 As per the Census data, What was the density of population in India in 2011?

Ans

- 1. 822 persons/sq km
- 2. 382 persons/sq km
- 3. 328 persons/sq km
- 4. 282 persons/sq km

Question ID : 264330144079

Status : Answered

Chosen Option : 3

Q.2 Who among the following was the Maharana of Mewar and composed a book on music called 'Sangeet Raj'?

Ans

- 1. Maharana Sanga
- 2. Maharana Pratap
- 3. Maharana Kumbha
- 4. Maharana Udai Singh

Question ID : 26433074128

Status : Answered

Chosen Option : 4

Q.3 How many silver medals was won by India in Tokyo Paralympic 2020?

Ans  1. 7

2. 6

3. 8

4. 5

Question ID : 264330109679

Status : Answered

Chosen Option : 2

Q.4 Match the columns.

Column-A (Common name)      Column-B (Group number in the Modern Periodic Table)

- |                           |       |
|---------------------------|-------|
| i. Alkali metals          | a. 18 |
| ii. Alkaline earth metals | b. 17 |
| iii. Halogens             | c. 2  |
| iv. Noble gases           | d. 1  |

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

2. i-a, ii-c, iii-b, iv-d

3. i-b, ii-a, iii-c, iv-d

4. i-d, ii-c, iii-b, iv-a

Question ID : 264330110027

Status : Answered

Chosen Option : 4

Q.5 Pectin, which is responsible for the firmness and softness of fruits, is mainly composed of which acid unit?

Ans  1. Aspartic acid

2. Galacturonic acid

3. Lactic acid

4. Glutamic acid

Question ID : 264330110097

Status : Answered

Chosen Option : 4

Q.6 Sporophyte stage is dominant in which plant group?

Ans  1. Bryophytes

2. Vascular plants

3. Algae

4. Pteridophytes

Question ID : 26433071438

Status : Not Answered

Chosen Option : --

Q.7 The country can improve its balance of payments by devaluation when the sum of elasticity of demand for exports and imports is \_\_\_\_\_.

Ans  1. less than unity

2. equal to unity

3. greater than unity

4. zero

Question ID : 264330109993

Status : Answered

Chosen Option : 1

Q.8 \_\_\_\_\_ became India's first sports unicorn with its market cap having touched a high of Rs.7,600 crores as of 30 January 2022.

Ans  1. Delhi Capitals

2. Kolkata Knight Riders

3. Mumbai Indians

4. Chennai Super Kings

Question ID : 26433054452

Status : Answered

Chosen Option : 4

Q.9 Which of the following committees was constituted to study the issues and concerns in the Micro Finance Institution in 2010?

Ans  1. Ghosh Committee

2. Sivaraman Committee

3. Malegam Committee

4. Khan Committee

Question ID : 264330109360

Status : Answered

Chosen Option : 2

Q.10 India borrowed the DPSP from the \_\_\_\_\_ Constitution.

Ans  1. Australian

2. Irish

3. German

4. Austrian

Question ID : 264330110797

Status : Answered

Chosen Option : 2

Q.11 Tamiladu is a festival celebrated by the Buddhist community of which Indian state?

Ans  1. Karnataka

2. Arunachal Pradesh

3. Madhya Pradesh

4. Himachal Pradesh

Question ID : 264330109620

Status : Answered

Chosen Option : 4

Q.12 Iron mines in Jharkhand attributed to the rise of which of the following kingdoms in ancient India?

Ans  1. Kuru

2. Magadha

3. Kashi

4. Kushan

Question ID : 264330118946

Status : Answered

Chosen Option : 2

Q.13 Which of the following statements is INCORRECT about granite?

- Ans  1. Granite is the most abundant rock in the continental crust.  
 2. It is the most common sedimentary rock.  
 3. These are igneous rocks that form when hot, molten rock crystallises and solidifies.  
 4. Granite is composed mainly of quartz and feldspar with minor amounts of mica.

Question ID : 264330109950

Status : Answered

Chosen Option : 2

Q.14 'Luddi' is a folk dance of which of the following states of India?

- Ans  1. Manipur  
 2. Punjab  
 3. Madhya Pradesh  
 4. Kerala

Question ID : 26433094872

Status : Answered

Chosen Option : 2

Q.15 Commonwealth Games 2022 was held in \_\_\_\_\_.

- Ans  1. Birmingham  
 2. Beijing  
 3. Tokyo  
 4. New Delhi

Question ID : 264330110345

Status : Answered

Chosen Option : 1

Q.16 'Back to Vedas' was the slogan of which Reform Movement?

- Ans  1. Dev Samaj  
 2. Brahmo Samaj  
 3. Prarthana Samaj  
 4. Arya Samaj

Question ID : 264330109056

Status : Answered

Chosen Option : 4

Q.17 Which among the following statements about judicial review in India are correct?

- A. Judicial review means that the courts of law have the power of testing the validity of legislative as well as other governmental action with reference to the provisions of the Constitution.  
B. Under Article 23 of the Indian Constitution, the compulsion of judicial review was described in the Fundamental Rights in Part III.  
C. The power of judicial review is significantly vested upon the High Courts and the Supreme Court of India.

- Ans  1. A and B only  
 2. B and C only  
 3. A and C only  
 4. A, B and C

Question ID : 264330114786

Status : Not Answered

Chosen Option : --

Q.18 The Ministry of Education (MoE) in February 2022 approved a new scheme \_\_\_\_\_ for the next five years to cover all the aspects of adult education to align with new the National Education Policy (NEP).

- Ans  1. Open Education Programme  
 2. ASHA  
 3. New India Education Plan  
 4. New India Literacy Programme

Question ID : 26433081867

Status : Answered

Chosen Option : 2

Q.19 According to India State of Forest Report 2019, what is the total forest cover in India?

- Ans  1. 20.87%  
 2. 21.67%  
 3. 24.67%  
 4. 23.67%

Question ID : 264330116475

Status : Answered

Chosen Option : 2

Q.20 'Ras-Lila' recognised as one of the classical dance forms of India belongs to which of the following states?

- Ans  1. Assam  
 2. Meghalaya  
 3. Tripura  
 4. Manipur

Question ID : 26433064792

Status : Answered

Chosen Option : 1

Q.21 The Viceroy who took keen interest in the restoration and protection of historical monuments was \_\_\_\_\_.

- Ans  1. Lord Ellenborough  
 2. Lord Auckland  
 3. Lord Lytton  
 4. Lord Curzon

Question ID : 264330132680

Status : Answered

Chosen Option : 1

Q.22 The Amara-Nayakas were \_\_\_\_\_ in Vijayanagara Empire.

- Ans  1. forced labourers  
 2. finance officers  
 3. ordinary peasants  
 4. military commanders

Question ID : 264330111383

Status : Answered

Chosen Option : 2

Q.23 What is the colour of the flame when unsaturated hydrocarbons burn?

- Ans  1. Blue  
 2. Red  
 3. Green  
 4. Yellow

Question ID : 264330134863

Status : Answered

Chosen Option : 4

Q.24 The 'Jal Kranti Abhiyan' was launched by which government during the financial year 2015-2016?

- Ans  1. Government of Punjab  
 2. Government of Haryana  
 3. Government of India  
 4. Government of Uttar Pradesh

Question ID : 264330116455

Status : Not Answered

Chosen Option : --

Q.25 Who among the following Supreme Court judges was in news in 2022 for recusing himself from hearing a plea against the ED chief's tenure extension?

- Ans  1. Justice KM Joseph  
 2. Justice Ajay Rastogi  
 3. Justice SK Kaul  
 4. Justice Mukesh Shah

Question ID : 264330132971

Status : Answered

Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The simple interest on a certain sum at the rate of 12.5% per annum for 6 years is ₹13,500 less than the principal. Find the simple interest.

- Ans  1. ₹13,500  
 2. ₹54,000  
 3. ₹40,000  
 4. ₹40,500

Question ID : 264330111477

Status : Answered

Chosen Option : 4

**Q.2** Using  $\text{cosec}(\alpha+\beta) = \frac{\sec\alpha \times \sec\beta \times \text{cosec}\alpha \times \text{cosec}\beta}{\sec\alpha \times \text{cosec}\beta + \text{cosec}\alpha \times \sec\beta}$ , find the value of  $\text{cosec}75^\circ$ .

**Ans**

1.  $\frac{\sqrt{6} + \sqrt{2}}{4}$

2.  $\frac{\sqrt{6} - \sqrt{2}}{4}$

3.  $\sqrt{6} - \sqrt{2}$

4.  $\sqrt{6} + \sqrt{2}$

Question ID : 264330143529

Status : Answered

Chosen Option : 3

**Q.3** Ram has an average score of 65 runs in 19 innings in cricket matches. Find out how many runs are to be scored by him in the 20<sup>th</sup> innings to raise the average score to 67.

**Ans**  1. 135

2. 105

3. 115

4. 195

Question ID : 264330130068

Status : Answered

Chosen Option : 2

**Q.4** A metallic cube has each of its side of length 12 cm. It is melted and recast into three small cubes. Out of these cubes, two have their sides as 6 cm and 8 cm, respectively. The length of each side of the third cube is:

**Ans**  1. 7 cm

2. 9 cm

3. 10 cm

4. 5 cm

Question ID : 26433075486

Status : Answered

Chosen Option : 3

**Q.5** A policeman starts chasing a thief when he was already 600 m ahead. If the policeman is running at a speed of 9 km/h and the thief at 8 km/h, then the thief would be caught at a distance of:

**Ans**  1. 6.5 km

2. 6 km

3. 5 km

4. 5.4 km

Question ID : 26433099012

Status : Answered

Chosen Option : 4

**Q.6** A shopkeeper bought certain number of apples for Rs.3,600. He sold one-fifth of them at a loss of 10%, one-fourth of the remaining apples at a loss of 5%, and two-third of the rest at a profit of 15%. At what price (in Rs.) should he sell the remaining apples to earn a profit of 27% overall?

- Ans  1. 1,548  
 2. 1,584  
 3. 1,845  
 4. 1,864

Question ID : 26433081068

Status : Not Answered

Chosen Option : --

**Q.7** 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 25 women complete it?

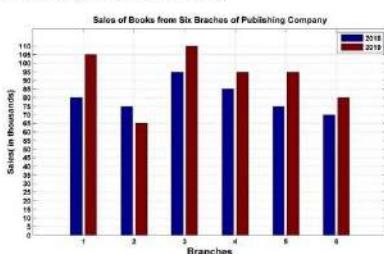
- Ans  1. 20  
 2. 16  
 3. 25  
 4. 18

Question ID : 264330126594

Status : Answered

Chosen Option : 2

**Q.8** The following bar graph shows the sales of books (in thousands) from six branches of a publishing company during two consecutive years 2018 and 2019.



Total sales of 6<sup>th</sup> branch for both the years is what percentage of the total sales of 3<sup>rd</sup> branch for both the years? (rounded off to two decimal places)

- Ans  1. 73.17%  
 2. 65.29%  
 3. 68.25%  
 4. 62.23%

Question ID : 26433082420

Status : Answered

Chosen Option : 1

**Q.9** Find the remainder when  $8^8 + 6$  is divided by 7.

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

Question ID : 264330129916

Status : Answered

Chosen Option : 1

Q.10 What value of 'y' will satisfy the following equation?

$$\frac{3y}{1 + \frac{1}{1+\frac{y}{1-y}}} = 2$$

Ans

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

Question ID : 264330131492

Status : Answered

Chosen Option : 3

Q.11 In a division sum, the divisor is 13 times the quotient and 6 times the remainder. If the remainder is 39, then the dividend is:

Ans

- 1. 4240
- 2. 4576
- 3. 4251
- 4. 4800

Question ID : 264330145550

Status : Answered

Chosen Option : 3

Q.12 If  $\tan \alpha = 6$ , then  $\sec \alpha$  equals to:

Ans

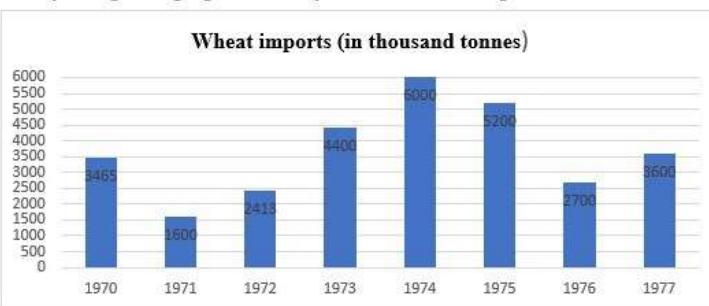
- 1.  $\sqrt{7}$
- 2.  $\sqrt{5}$
- 3.  $\sqrt{37}$
- 4.  $\sqrt{35}$

Question ID : 264330143601

Status : Answered

Chosen Option : 3

- Q.13** Study the given graph carefully and answer the question that follows.



The imports in 1977 were approximately how many times that of the year 1976?

- Ans**
- 1. 1.11
  - 2. 1.22
  - 3. 1.33
  - 4. 1.44

Question ID : 264330122572

Status : Answered

Chosen Option : 3

- Q.14** In the following figure, there are two circles that touch each other externally. The radius of the first circle with centre P is 25 cm. The radius of the second circle with centre Q is 4 cm. Find the length of their direct common tangent AB.

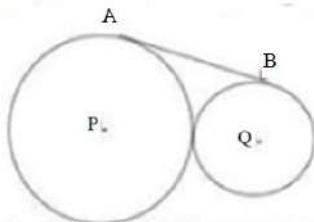


Figure is not to scale and is only for representational purpose

- Ans**
- 1. 21 cm
  - 2. 18 cm
  - 3. 20 cm
  - 4. 22 cm

Question ID : 264330143518

Status : Answered

Chosen Option : 3

- Q.15** If  $(y - \frac{1}{y}) = 4$ , find the value of  $(y^6 + \frac{1}{y^6})$ .

- Ans**
- 1. 5774
  - 2. 4096
  - 3. 5776
  - 4. 5778

Question ID : 264330114539

Status : Answered

Chosen Option : 4

Q.16 The following formula is used to calculate which of the following?

$$\frac{\text{Angle of arc at centre}}{360^\circ} \times \pi \times \text{diameter}$$

- Ans  1. Length of a sector  
 2. Area of an arc  
 3. Radius of a circle  
 4. Length of an arc

Question ID : 26433075086

Status : Answered

Chosen Option : 4

Q.17 A thief seeing a policeman from a distance of 400 m started running at a speed of 16 km/h. The policeman chased him immediately with a speed of 18 km/h and the thief was caught. What is the distance run by the thief before he was caught by the policeman?

- Ans  1. 3200 m  
 2. 3230 m  
 3. 3240 m  
 4. 3220 m

Question ID : 264330143483

Status : Answered

Chosen Option : 1

Q.18 A group of men decided to do a job in 13 days but 9 men left the work after each day. The work, as a result, got completed in 16 days. How many men were initially in the group?

- Ans  1. 378  
 2. 360  
 3. 330  
 4. 380

Question ID : 264330133626

Status : Not Answered

Chosen Option : --

Q.19 Applied to a bill for ₹50,000, the difference between a discount of 40% and two successive discounts of 36% and 4%, is :

- Ans  1. ₹875  
 2. ₹1,440  
 3. ₹1,250  
 4. ₹720

Question ID : 264330104183

Status : Answered

Chosen Option : 4

**Q.20** Raju and Rajat working together take 5 days to complete a piece of work. If Raju alone can do this work in 7 days, how long would Rajat take to complete the same work?

- Ans  1. 18 days  
 2. 16.5 days  
 3. 17 days  
 4. 17.5 days

Question ID : 264330118511

Status : Answered

Chosen Option : 4

**Q.21** Out of the total toffees,  $\frac{1}{10}$  are wasted. 35% of the rest are given to S and  $\frac{1}{8}$  of the total are given to N. If the toffees with N are 10 more than the wasted toffees, then how many toffees were given to S?

- Ans  1. 126  
 2. 150  
 3. 110  
 4. 135

Question ID : 26433085439

Status : Answered

Chosen Option : 1

**Q.22** A field is 150 m long and 80 wide. How many times (rounded off to 1 decimal place) is its perimeter to the length of its diagonal?

- Ans  1. 2.3  
 2. 2.5  
 3. 2.7  
 4. 3.1

Question ID : 264330103542

Status : Answered

Chosen Option : 3

**Q.23** When two circles of radii  $r_1$  and  $r_2$  have their centres at a distance  $d$  apart, then length of the common transverse tangent is:

- Ans  1.  $\sqrt{d^2 - (r_1 - r_2)^2}$   
 2.  $\sqrt{d^2 + (r_1 - r_2)^2}$   
 3.  $\sqrt{d - (r_1 - r_2)^2}$   
 4.  $\sqrt{d^2 - (r_1 + r_2)^2}$

Question ID : 26433083067

Status : Answered

Chosen Option : 4

Q.24 If  $\cot A = 1$ ,  $\sin B = \frac{1}{\sqrt{2}}$ , then find the value of  $\sin(A + B) - \cot(A + B)$ .

Ans ✗ 1.  $1 - \sqrt{2}$

✗ 2.  $\frac{1}{2}$

✗ 3. 0

✓ 4. 1

Question ID : 264330130046

Status : Answered

Chosen Option : 4

Q.25 If  $x^2 - 15x + 1 = 0$ , what is the value of  $x^4 - 223x^2 + 6$ ?

Ans ✗ 1. 9

✓ 2. 5

✗ 3. 6

✗ 4. 0

Question ID : 264330101355

Status : Answered

Chosen Option : 2

#### Section : English Comprehension

Q.1 Select the option that can be used as a one-word substitute for the given group of words.

A speech by an actor at the end of a play

Ans ✗ 1. Prologue

✗ 2. Monologue

✓ 3. Epilogue

✗ 4. Duologue

Question ID : 26433088125

Status : Answered

Chosen Option : 3

Q.2 Select the option that is OPPOSITE in meaning to the given word.

Incompetent

Ans ✗ 1. Forlorn

✗ 2. Desperate

✗ 3. Hopeless

✓ 4. Dexterous

Question ID : 264330122275

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.

Someone who lives in solitude

Ans  1. Metropolitan

2. Cosmopolitan

3. recluse

4. Refugee

Question ID : 26433086323

Status : Answered

Chosen Option : 3

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. Lord Ganesha, the Destroyer of Obstacles, is worshipped for his wisdom and brilliance.

B. People adore the goddess Lakshmi and Lord Ganesha on Diwali.

C. This 'New Year' i.e., Diwali is marked by merchants establishing new account books.

D. Goddess Lakshmi is also worshipped on Diwali for wealth and success.

Ans  1. DABC

2. BADC

3. ADBC

4. CDBA

Question ID : 26433097518

Status : Answered

Chosen Option : 2

Q.5 Identify the option that can be substituted as the correct idiom for the underlined part of the given sentence.

As soon as the principal came to know about the inspection in the school, he put everything in perfect order.

Ans  1. Apple pie order

2. Apple of discord

3. Alley apple

4. Apple of one's eye

Question ID : 26433088905

Status : Answered

Chosen Option : 1

Q.6 Select the correct idiom that can substitute the italicised group of words in the given sentence.

Shelley has been *contemplating* for a few days but still has not decided to quit the job.

Ans  1. biting the dust

2. chewing the cud

3. cooling one's heels

4. getting into hot waters

Question ID : 26433093260

Status : Answered

Chosen Option : 1

Q.7 Select the most appropriate option to fill in the blank.

Raghav had a good \_\_\_\_\_ for stage plays.

- Ans  1. trip  
 2. trope  
 3. troop  
 4. troupe

Question ID : 264330101282

Status : Answered

Chosen Option : 4

Q.8 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.

We hardly knew nothing / about the manager / who had recently joined.

- Ans  1. We hardly knew nothing  
 2. No error  
 3. about the manager  
 4. who had recently joined

Question ID : 26433060123

Status : Answered

Chosen Option : 1

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Here / come / the bus / for Lucknow.

- Ans  1. for Lucknow  
 2. the bus  
 3. come  
 4. Here

Question ID : 26433086458

Status : Answered

Chosen Option : 3

Q.10 Select the INCORRECTLY spelt word.

- Ans  1. Tour  
 2. Triumph  
 3. Sandwitch  
 4. Process

Question ID : 26433088867

Status : Answered

Chosen Option : 3

Q.11 Select the option that expresses the given sentence in active voice.  
The growing population of India will have been controlled by the Indian government by 2040.

- Ans  1. By 2040, the Indian population will have continued to grow uncontrollably  
 2. By 2040, the Indian government will have controlled the growing population of India.  
 3. By 2040, the Indian government is successfully controlling the growing population of India.  
 4. The Indian population will have stabilised by 2022.

Question ID : 264330123018

Status : Answered

Chosen Option : 2

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

One who loves mankind

- Ans  1. Atheist  
 2. Pessimist  
 3. Optimist  
 4. Philanthropist

Question ID : 26433086319

Status : Answered

Chosen Option : 4

Q.13 Select the INCORRECTLY spelt word.

- Ans  1. Allimony  
 2. Structural  
 3. Hallucinate  
 4. Halloween

Question ID : 264330120776

Status : Answered

Chosen Option : 1

Q.14 Select the most appropriate synonym of the given word.

Judicious

- Ans  1. Sensible  
 2. Imprudent  
 3. Careless  
 4. Short-sighted

Question ID : 26433091881

Status : Answered

Chosen Option : 1

Q.15 Select the most appropriate option to fill in the blank.

Which \_\_\_\_\_ do you usually take to reach your office?

- Ans  1. route  
 2. root  
 3. rout  
 4. rude

Question ID : 264330145558

Status : Answered

Chosen Option : 1

Q.16 Select the most appropriate synonym of the given word.

Extol

- Ans  1. Reward  
 2. Punish  
 3. Dismay  
 4. Praise

Question ID : 26433096219

Status : Answered

Chosen Option : 3

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

Author's explanatory remarks at the beginning of a book

- Ans  1. Preface  
 2. Foreword  
 3. Bibliography  
 4. Biography

Question ID : 26433088121

Status : Answered

Chosen Option : 1

Q.18 Identify how will you say that "The doctor treated the victims of the violence very carefully", in the passive voice.

- Ans  1. The doctor was very careful while providing treatment to the victims  
 2. The doctor's care was shown to the victims of the violence  
 3. The victims of the violence were treated very carefully by the doctor  
 4. The victims were treated attentively by the doctor

Question ID : 264330122788

Status : Answered

Chosen Option : 3

Q.19 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. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- S1. He sat in his seat  
A.hardly showing any signs of hearing  
B.beside the bed,  
C.gazing sternly  
D.at the patient's face  
S6. what they were saying to him.

- Ans  1. DABC  
 2. BCDA  
 3. DCAB  
 4. DBAC

Question ID : 26433092123

Status : Answered

Chosen Option : 2

**Q.20 Select the most appropriate option to fill in the blank.**  
Hundreds of firms went bankrupt during the \_\_\_\_\_.

- Ans  1. recession  
 2. revision  
 3. remission  
 4. recession

Question ID : 26433099003

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.

Changes to the earth's climate, driven by increased (1)\_\_\_\_\_ of heat-trapping greenhouse gases, are already having widespread effects on the environment. Shrinking of glaciers and ice sheets, occurrence of shifts in flower/plant blooming times, etc., are creating an overall (2)\_\_\_\_\_ in the natural ecosystem. Conditions like the rise in sea-levels and saltwater intrusion have advanced to the point where whole (3)\_\_\_\_\_ have had to relocate, while protracted droughts are putting people at risk of (4)\_\_\_\_\_. The effects of human-caused global warming are (5)\_\_\_\_\_ for people alive today and will worsen as long as humans keep feeding greenhouse gases into the atmosphere.

**SubQuestion No : 21**

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

- Ans  1. emission  
 2. feeding  
 3. creation  
 4. fertilisation

Question ID : 264330134160

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.

Changes to the earth's climate, driven by increased (1)\_\_\_\_\_ of heat-trapping greenhouse gases, are already having widespread effects on the environment. Shrinking of glaciers and ice sheets, occurrence of shifts in flower/plant blooming times, etc., are creating an overall (2)\_\_\_\_\_ in the natural ecosystem. Conditions like the rise in sea-levels and saltwater intrusion have advanced to the point where whole (3)\_\_\_\_\_ have had to relocate, while protracted droughts are putting people at risk of (4)\_\_\_\_\_. The effects of human-caused global warming are (5)\_\_\_\_\_ for people alive today and will worsen as long as humans keep feeding greenhouse gases into the atmosphere.

**SubQuestion No : 22**

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

- Ans  1. despondence  
 2. imbalance  
 3. hunger  
 4. creativity

Question ID : 264330134161

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.

Changes to the earth's climate, driven by increased (1)\_\_\_\_\_ of heat-trapping greenhouse gases, are already having widespread effects on the environment. Shrinking of glaciers and ice sheets, occurrence of shifts in flower/plant blooming times, etc., are creating an overall (2)\_\_\_\_\_ in the natural ecosystem. Conditions like the rise in sea-levels and saltwater intrusion have advanced to the point where whole (3)\_\_\_\_\_ have had to relocate, while protracted droughts are putting people at risk of (4)\_\_\_\_\_. The effects of human-caused global warming are (5)\_\_\_\_\_ for people alive today and will worsen as long as humans keep feeding greenhouse gases into the atmosphere.

**SubQuestion No : 23**

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

- Ans  1. mobs  
 2. people  
 3. communities  
 4. conditions

Question ID : 264330134162

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.

Changes to the earth's climate, driven by increased (1)\_\_\_\_\_ of heat-trapping greenhouse gases, are already having widespread effects on the environment. Shrinking of glaciers and ice sheets, occurrence of shifts in flower/plant blooming times, etc., are creating an overall (2)\_\_\_\_\_ in the natural ecosystem. Conditions like the rise in sea-levels and saltwater intrusion have advanced to the point where whole (3)\_\_\_\_\_ have had to relocate, while protracted droughts are putting people at risk of (4)\_\_\_\_\_. The effects of human-caused global warming are (5)\_\_\_\_\_ for people alive today and will worsen as long as humans keep feeding greenhouse gases into the atmosphere.

**SubQuestion No : 24**

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

- Ans  1. pregnancy  
 2. famine  
 3. overpopulation  
 4. surgery

Question ID : 264330134163

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.

Changes to the earth's climate, driven by increased (1)\_\_\_\_\_ of heat-trapping greenhouse gases, are already having widespread effects on the environment. Shrinking of glaciers and ice sheets, occurrence of shifts in flower/plant blooming times, etc., are creating an overall (2)\_\_\_\_\_ in the natural ecosystem. Conditions like the rise in sea-levels and saltwater intrusion have advanced to the point where whole (3)\_\_\_\_\_ have had to relocate, while protracted droughts are putting people at risk of (4)\_\_\_\_\_. The effects of human-caused global warming are (5)\_\_\_\_\_ for people alive today and will worsen as long as humans keep feeding greenhouse gases into the atmosphere.

**SubQuestion No : 25**

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

- Ans  1. heart breaking  
 2. contradictory  
 3. irreversible  
 4. conditional

Question ID : 264330134164

Status : Answered

Chosen Option : 3

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	ION Digital Zone iDZ Trinity 1Shri Jairam Education Society Kokta Bypass Road.
Exam Date	25/07/2023
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 is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.

$$169 : 14 :: ? : 16 :: 289 : 18$$

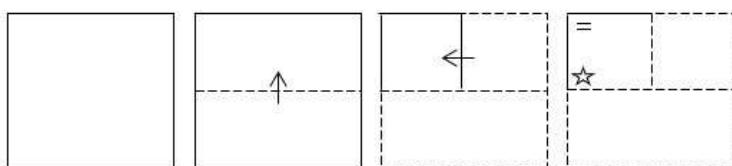
- Ans  1. 205  
 2. 230  
 3. 225  
 4. 125

Question ID : 26433082764

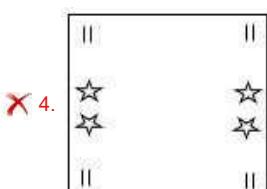
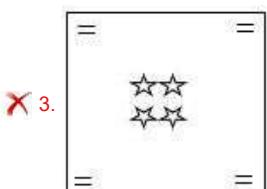
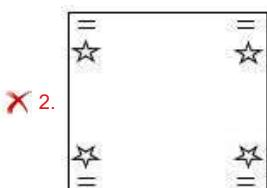
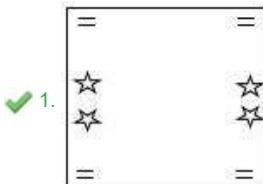
Status : Answered

Chosen Option : 3

Q.2 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

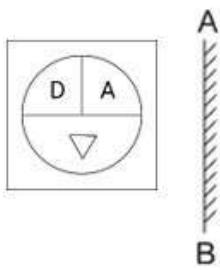


Question ID : 26433080829

Status : Answered

Chosen Option : 1

Q.3 Select the correct mirror image of the given figure when the mirror is placed at AB.



Ans

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

Question ID : 264330106440

Status : Answered

Chosen Option : 2

Q.4 एक महिला की ओर इंगित करते हुए सुमन (एक महिला) ने कहा "वह मेरे ससुर की पत्नी के पुत्र की दादी है।" वह महिला सुमन से किस प्रकार संबंधित है?

- Ans
- 1. माता
  - 2. पति की दादी
  - 3. पुत्री
  - 4. सास

Question ID : 26433091673

Status : Not Answered

Chosen Option : --

Q.5 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.

MAP: NZK :: HOZ:SLA :: WQK:?

- Ans
- 1. DJP
  - 2. DIP
  - 3. CIP
  - 4. CJP

Question ID : 264330104100

Status : Answered

Chosen Option : 1

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Cartoon
2. Carrier
3. Carrying
4. Carousel
5. Carnival
6. Carriage

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

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

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

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

Question ID : 264330132167

Status : Answered

Chosen Option : 4

Q.7 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(6, 1, 18)

(5, 4, 60)

(6, 2, ?)

(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. 36

2. 32

3. 40

4. 24

Question ID : 26433082471

Status : Answered

Chosen Option : 1

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

$18 * 3 * 12 * 9 * 3 * 111$

Ans  1. ÷, +, ×, −, =

2. ×, +, ÷, −, =

3. ×, −, ×, +, =

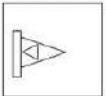
4. ×, +, ×, −, =

Question ID : 264330117295

Status : Answered

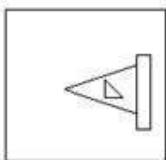
Chosen Option : 1

Q.9 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

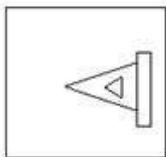


Ans

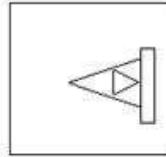
X 1.



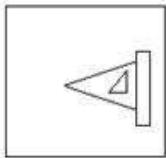
X 2.



✓ 3.



X 4.



Question ID : 26433068191

Status : Answered

Chosen Option : 3

Q.10 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 X 1. 2 : 9

X 2. 6 : 21

X 3. 10 : 33

✓ 4. 8 : 29

Question ID : 264330143702

Status : Answered

Chosen Option : 4

Q.11 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:

Some teachers are scientists.  
All scientists are doctors.  
All doctors are engineers.

Conclusions:

I. Some doctors are teachers.  
II. Some engineers are teachers.  
III. Some doctors are scientists.

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

Question ID : 264330133241

Status : Answered

Chosen Option : 3

Q.12 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?  
ADZ, GJF, MPL, SVR, ?

- Ans  1. XYB  
 2. YBX  
 3. XBY  
 4. YXB

Question ID : 26433069532

Status : Answered

Chosen Option : 2

Q.13 In a certain code language, if 'RPD' is written as '43' and 'FCL' is written as '60', how will 'QTS' be written in the same code language?

- Ans  1. 35  
 2. 28  
 3. 25  
 4. 40

Question ID : 264330126659

Status : Not Answered

Chosen Option : --

Q.14 Looking at the family picture, Smriti said, "She is my father's father-in-law's wife's son's only sister." How is the person in the photo related to Smriti's father?

- Ans  1. Mother  
 2. Sister-in-law  
 3. Wife  
 4. Daughter

Question ID : 264330122396

Status : Answered

Chosen Option : 1

Q.15 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:

Some colours are rainbows.  
Some paints are rainbows.  
All rainbows are drawings.

Conclusions:

- I. Some drawings are colours.
- II. All paints are drawings.
- III. Some drawings are rainbows.

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

Question ID : 26433090916

Status : Answered

Chosen Option : 2

Q.16 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)

(2, 7, 27)  
(6, 15, 63)

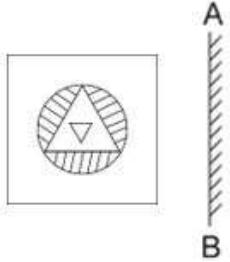
Ans  1. (3, 21, 24)  
 2. (9, 8, 50)  
 3. (12, 4, 40)  
 4. (8, 8, 48)

Question ID : 264330122555

Status : Answered

Chosen Option : 4

Q.17 Select the correct mirror image of the given figure when the mirror is placed at AB.



Ans

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

Question ID : 264330106441

Status : Answered

Chosen Option : 3

Q.18 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

C \_ R C \_ R \_ A R \_ A \_ C A \_

Ans

- 1. RACACA
- 2. RACAAC
- 3. ACRACR
- 4. AACCR

Question ID : 264330143734

Status : Answered

Chosen Option : 4

Q.19 Which of the following numbers will replace the question mark (?) in the given series?

3, 8, 15, 26, 39, ?

Ans

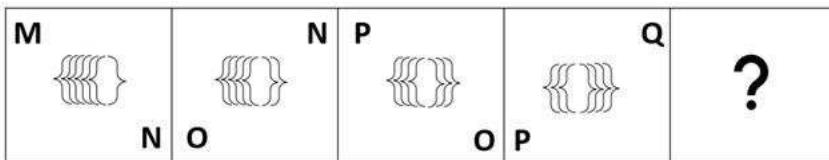
- 1. 61
- 2. 49
- 3. 52
- 4. 56

Question ID : 26433085706

Status : Answered

Chosen Option : 4

Q.20 Select the figure that will come in place of the question mark (?) in the following figure series.



Ans

- X 1.
- X 2.
- X 3.
- ✓ 4.

Question ID : 26433076563

Status : Answered

Chosen Option : 1

Q.21 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.

$$98 : 7 :: 162 : 9 :: 242 : ?$$

Ans ✓ 1. 11

- X 2. 12
- X 3. 14
- X 4. 13

Question ID : 26433085829

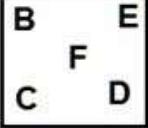
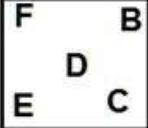
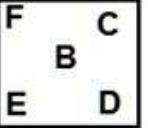
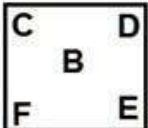
Status : Answered

Chosen Option : 1

**Q.22** Select the figure that will replace the question mark (?) in the following figure series.

D	B	E	B	E	F	C	F	
E		F		C		D		
C	F	C	D	B	D	B	E	

Ans

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

Question ID : 26433069534

Status : Not Answered

Chosen Option : --

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

\_\_ MSDRTM \_\_ R \_\_ SD \_ TM \_ D

- Ans
- 1. RSTDTRMS
  - 2. RTSDMTRS
  - 3. RTSDMTSR
  - 4. RTSDETMRS

Question ID : 26433090009

Status : Answered

Chosen Option : 4

**Q.24** In a certain code language, 'DISCIPLINE' is written as 'DKSCKPLKNG', 'REVOLUTION' is written as 'RGVQLWTKQN'. How will 'UNIVERSITY' be written in that language?

- Ans
- 1. WNKGVRSKTY
  - 2. WNKVGSRKTY
  - 3. WNKVGRSKTY
  - 4. WNKVGRKSTY

Question ID : 26433087259

Status : Not Answered

Chosen Option : --

Q.25 If ' $<$ ' means ' $-$ ', ' $!$ ' means ' $\times$ ', ' $>$ ' means ' $+$ ' and ' $\$$ ' means ' $\div$ ', then what is the value of the following expression?  
 $183 > 39 \$ 13 ! 6 < 26$

- Ans  1. 175  
 2. 160  
 3. 193  
 4. 181

Question ID : 264330133151

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 गुरु शशाधर आचार्य को निम्नलिखित में से किस क्षेत्र में योगदान के लिए 2020 में पद्म श्री से सम्मानित किया गया था?

- Ans  1. वाद्य यंत्र वादन  
 2. शास्त्रीय नृत्य  
 3. लोक नृत्य  
 4. हिंदुस्तानी शास्त्रीय गायन

Question ID : 26433055412

Status : Not Answered

Chosen Option : --

Q.2 निम्नलिखित में से कौन-सा संगीतकार संगीत वाद्ययंत्र संतूर से जुड़ा है?

- Ans  1. अलाउद्दीन खान  
 2. अनन्पूर्णा देवी  
 3. पंडित शिव कुमार शर्मा  
 4. विलायत खान

Question ID : 264330130497

Status : Answered

Chosen Option : 3

Q.3 What is the atomicity of Chlorine?

- Ans  1. Tetra-atomic  
 2. Diatomic  
 3. Poly-atomic  
 4. Monoatomic

Question ID : 26433064127

Status : Answered

Chosen Option : 2

Q.4 How many elected members are there in the Legislative Assembly of Telangana till December 2022?

- Ans  1. 124  
 2. 120  
 3. 121  
 4. 119

Question ID : 264330118270

Status : Not Answered

Chosen Option : --

Q.5 वर्ष 2022 में, स्वास्थ्य एवं परिवार कल्याण मंत्रालय ने 2030 तक आत्महत्या मृत्यु दर में \_\_\_\_\_ प्रतिशत की कमी लाने के लिए एक राष्ट्रीय आत्महत्या रोकथाम रणनीति (National Suicide Prevention Strategy) की घोषणा की।

- Ans  1. 25  
 2. 20  
 3. 15  
 4. 10

Question ID : 264330137271

Status : Not Answered

Chosen Option : --

Q.6 राउत नाच निम्न में से किस राज्य में प्रसिद्ध है?

- Ans  1. पंजाब  
 2. गुजरात  
 3. असम  
 4. छत्तीसगढ़

Question ID : 264330109277

Status : Marked For Review

Chosen Option : 4

Q.7 भारतीय सशस्त्र बलों के कमांडर-इन-चीफ होने के नाते गणतंत्र दिवस के अवसर पर मार्च-पास्ट के दौरान सशस्त्र बलों के विभिन्न रेजीमेंटों की सलामी कौन लेता है?

- Ans  1. भारत के रक्षा मंत्री  
 2. भारत के प्रधान मंत्री  
 3. भारत के गृह मंत्री  
 4. भारत के राष्ट्रपति

Question ID : 264330111146

Status : Answered

Chosen Option : 4

Q.8 प्रसिद्ध कवि और नाटककार राजशेखर निम्नलिखित में से किस प्रतिहार राजा के दरबार में दरबारी कवि थे?

- Ans  1. रामभद्र  
 2. राजपाल  
 3. देवपाल  
 4. महेन्द्रपाल

Question ID : 264330113564

Status : Not Answered

Chosen Option : --

Q.9 माइकल फैराडे नाम के एक अंग्रेज वैज्ञानिक ने किस वर्ष में प्रदीपक (इलुमिनेटिंग) गैस में बैंजीन की खोज की थी?

- Ans  1. 1820  
 2. 1827  
 3. 1822  
 4. 1825

Question ID : 264330144052

Status : Not Answered

Chosen Option : --

Q.10 उत्तर वैदिक काल में निश्चलिखित में से कौन-सा वर्ण मुख्य रूप से खेती, पशुपालन और व्यापार जैसे काम करता था?

- Ans  1. क्षत्रिय  
 2. ब्राह्मण  
 3. शूद्र  
 4. वैश्य

Question ID : 264330113556

Status : Answered

Chosen Option : 3

Q.11 Identify the meaning of continentality.

- Ans  1. Very hot during winters and very cold during summers  
 2. Very hot during summers and very cold during winters  
 3. Very hot during summers and lots of rain  
 4. Very cold during winters and not hot during summers

Question ID : 26433097108

Status : Answered

Chosen Option : 4

Q.12 Where and when were the first Khelo India University Games held?

- Ans  1. Maharashtra, 2019  
 2. Odisha, 2020  
 3. Punjab, 2019  
 4. Kerala, 2020

Question ID : 264330113749

Status : Answered

Chosen Option : 3

Q.13 (नवंबर 2021 तक) संपूर्ण भारत के विभिन्न शहरों में यातायात को कम करने के लिए 'भारतमाला परियोजना' के चरण- I के तहत रिंग रोड के लिए कितने शहरों की पहचान की गई है?

- Ans  1. 33  
 2. 41  
 3. 21  
 4. 28

Question ID : 264330111303

Status : Not Answered

Chosen Option : --

Q.14 भारत और बांग्लादेश के सुंदरबन में पाई जाने वाली मैंग्रोव वृक्ष की किस प्रजाति को वैज्ञानिक रूप से 'हेरिटिएरा फॉर्म्स' के रूप में जाना जाता है?

- Ans  1. कचनार  
 2. सुंदरी  
 3. कुसुम  
 4. अर्जुन

Question ID : 264330111339

Status : Answered

Chosen Option : 2

Q.15 Who introduced the Zamindari Settlement as a measure of land revenue administration?

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

Question ID : 264330112154

Status : Not Answered

Chosen Option : --

Q.16 निम्नलिखित में से कौन विश्वनाथन आनंद के बाद भारत का दूसरा ग्रैंड मास्टर है?

- Ans  1. पी. हरिकृष्णा  
 2. दिव्येंदु बरुआ  
 3. अभिजीत कुंटे  
 4. शशिकरण कृष्णन

Question ID : 264330118452

Status : Not Answered

Chosen Option : --

Q.17 प्रधान मंत्री रोजगार सृजन कार्यक्रम (PMEGP) योजना भारत सरकार के किस मंत्रालय द्वारा शुरू की गई थी?

- Ans  1. सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय  
 2. वित्त मंत्रालय  
 3. ग्रामीण विकास मंत्रालय  
 4. आवास और शहरी मामलों का मंत्रालय

Question ID : 264330138080

Status : Answered

Chosen Option : 2

Q.18 The Indian Constitution originally consisted of \_\_\_\_\_ Articles.

- Ans  1. 395  
 2. 385  
 3. 365  
 4. 375

Question ID : 264330110768

Status : Answered

Chosen Option : 1

Q.19 Which cells, also called neurilemma cells, are the main glial cells in the PNS and play an essential role in the survival and functions of neurons?

- Ans  1. Bipolar cells  
 2. Ganglion cells  
 3. Schwann cells  
 4. Photoreceptor cells

Question ID : 26433055791

Status : Not Answered

Chosen Option : --

Q.20 चिकित्सकों द्वारा अनुशासित आहार संबंधी दिशानिर्देशों के अनुसार, स्वस्थ वयस्कों और चार वर्ष से अधिक उम्र के बच्चों में कोलेस्ट्रॉल के अंतर्ग्रहण के लिए आर.डी.ए. (RDA) \_\_\_\_\_ mg /दिन है।

- Ans  1. 600  
 2. 500  
 3. 400  
 4. 300

Question ID : 264330110075

Status : Not Answered

Chosen Option : --

Q.21 On 21 November 2022, who assumed charge as the new Election Commissioner (EC) of India?

- Ans  1. Manoj Kumar  
 2. Rajiv Kumar  
 3. Arun Goel  
 4. Anup Chandra Pandey

Question ID : 264330132601

Status : Answered

Chosen Option : 2

Q.22 Which of the following is NOT one of the characteristics of the new agricultural strategy?

- Ans  1. Use of chemical fertilisers  
 2. Use of hybrid seeds  
 3. Extensive irrigation  
 4. Use of organic manures

Question ID : 264330112484

Status : Answered

Chosen Option : 3

Q.23 निम्नलिखित में से कौन नोबेल पुरस्कार विजेता है, जिसे सूक्ष्म वित्त प्रणालियों के जनक के रूप में भी जाना जाता है?

- Ans  1. अमर्त्य सेन  
 2. रघुराम राजन  
 3. मुहम्मद यूनुस  
 4. सैंड्रा रोटमैन

Question ID : 264330108907

Status : Answered

Chosen Option : 1

Q.24 In \_\_\_\_\_, Lord Curzon, the Viceroy of India, announced the partition of Bengal.

- Ans  1. 1907  
 2. 1906  
 3. 1911  
 4. 1905

Question ID : 264330141512

Status : Answered

Chosen Option : 4

Q.25 Who among the following is appointed as new Attorney General for India in September 2022?

- Ans  1. R Venkataramani  
 2. KK Venugopal  
 3. Fali Sam Nariman  
 4. Harish Salve

Question ID : 264330130850

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude

Q.1 Find the value of  $\tan(-1125^\circ)$ .

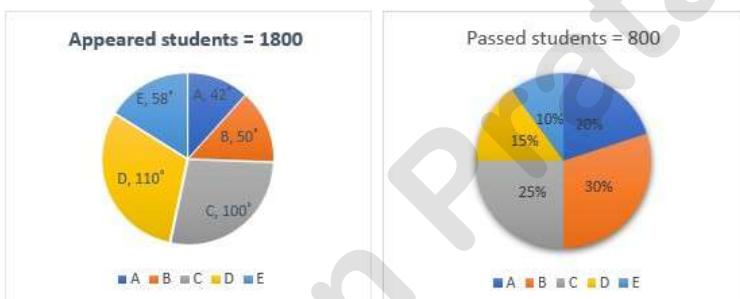
- Ans  1. 1  
 2.  $\frac{1}{2}$   
 3. -1  
 4. 0

Question ID : 26433076100

Status : Answered

Chosen Option : 1

Q.2 The following pie charts show the data of the number of appeared and passed students of class 12 in sections A,B,C,D and E.



Find the difference between the number of students who appeared for the exam in sections A and B.

- Ans  1. 60  
 2. 30  
 3. 50  
 4. 40

Question ID : 264330145019

Status : Answered

Chosen Option : 4

Q.3  $\sec \theta \sqrt{1 - \sin^2 \theta} = ?$

Ans  1. -1

2. 1

3.  $\infty$

4. 0

Question ID : 264330143583

Status : Answered

Chosen Option : 2

Q.4 The angles of a triangle are in the ratio 2 : 3 : 7. What is the measure of the largest angle of the triangle?

Ans  1.  $100^\circ$

2.  $45^\circ$

3.  $90^\circ$

4.  $105^\circ$

Question ID : 26433074489

Status : Answered

Chosen Option : 4

Q.5 P and Q together complete a job in  $4\frac{2}{5}$  days. R and S complete the same job in  $4\frac{8}{9}$  days. If P, Q, R and S work together, how many days do they need to complete the same job?

Ans

1.  $2\frac{7}{18}$

2.  $1\frac{7}{18}$

3.  $1\frac{6}{19}$

4.  $2\frac{6}{19}$

Question ID : 264330111484

Status : Answered

Chosen Option : 4

Q.6 A can finish a work in 60 days. He works at it for 15 days and then B alone finishes the remaining work in 48 days. In how much time can A and B working together finish the work?

Ans  1.  $\frac{960}{31}$  days

2.  $\frac{171}{37}$  days

3. 51 days

4. 45 days

Question ID : 264330118136

Status : Not Answered

Chosen Option : --

Q.7 The value of which of the following is different from the other options?

Ans  1.  $\sin 90^\circ$

2.  $\sec 60^\circ$

3.  $\cos 0^\circ$

4.  $\tan 45^\circ$

Question ID : 26433058817

Status : Answered

Chosen Option : 2

Q.8 A can complete  $\frac{1}{3}$  of a work in 7 days and B can complete  $\frac{2}{7}$  of the same work in 10 days. In how many days can both A and B together complete the work?

Ans  1.  $12\frac{3}{8}$

2.  $11\frac{7}{8}$

3.  $13\frac{1}{8}$

4.  $15\frac{1}{7}$

Question ID : 264330119355

Status : Answered

Chosen Option : 3

Q.9 Ramesh, on his way to his hometown, travelled the first 250 km at a speed of 75km/h and the next 250 km at a speed of 85 km/h. Find the average speed for the whole journey(correct to 2 decimal places).

Ans  1. 80.55km/h

2. 79.69km/h

3. 79.20km/h

4. 80.69km/h

Question ID : 264330103385

Status : Answered

Chosen Option : 2

**Q.10** A can do  $\frac{1}{8}$  of a piece of work in 32 days, B can do  $37\frac{1}{2}\%$  of the same work in 24 days, while C can do 60% of the same work in 48 days. B and C together started and worked for x days. After x days, B left the work and A joined C and both completed the remaining work in  $(x + 8)$  days. If the ratio of the work done by (B + C) together to the work done by (A + C) together is 9 : 11, then what fraction of the same work can be completed by C alone in  $3.5x$  days?

**Ans**

- 1.  $\frac{18}{25}$
- 2.  $\frac{4}{5}$
- 3.  $\frac{7}{10}$
- 4.  $\frac{3}{4}$

Question ID : 264330101327

Status : Not Answered

Chosen Option : --

**Q.11** Which of the following numbers is divisible by 8?

**Ans**

- 1. 18718
- 2. 18716
- 3. 18712
- 4. 18714

Question ID : 264330131111

Status : Answered

Chosen Option : 3

**Q.12** The three sides of two triangles are 4, 5 and 6 cm. Select the INCORRECT statement.

**Ans**

- 1. The angle opposite to the greater side in those triangles will be greater.
- 2. The area of the two triangles will be different.
- 3. The two triangles are congruent.
- 4. The two triangles are scalene triangles.

Question ID : 26433085774

Status : Answered

Chosen Option : 2

**Q.13** If RP and RQ are two tangents to a circle with centre O such that  $\angle POQ = 120^\circ$ , where P and Q are the points on the circle and R is a point outside the circle then  $\angle PRQ$  is equal to:

**Ans**

- 1.  $90^\circ$
- 2.  $75^\circ$
- 3.  $60^\circ$
- 4.  $45^\circ$

Question ID : 264330143559

Status : Answered

Chosen Option : 3

**Q.14** The length, breadth and height of a hall are 10 m, 20 m and 15m respectively. Find the cost of whitewashing the walls of the inside of the hall and ceiling at the rate of ₹10.20/m<sup>2</sup>

- Ans  1. ₹13,394  
 2. ₹11,220  
 3. ₹15,320  
 4. ₹16,542

Question ID : 26433080075

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.15** If  $p + q + r = pqr = \frac{1}{p} + \frac{1}{q} + \frac{1}{r} = 1$ , then find  $p^3 + q^3 + r^3$ .

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

Question ID : 264330122117

Status : Not Answered

Chosen Option : --

**Q.16** The marked price of an article is ₹50,000. Of three shopkeepers, the first one allows two successive discounts of 25% and 15%. The second one allows two successive discounts 20% and 20%. The third shopkeeper allows two successive discounts of 30% and 10%. From which shopkeeper does the customer get more profit?

- Ans  1. First  
 2. Same for all the shopkeepers  
 3. Third  
 4. Second

Question ID : 264330103406

Status : Answered

Chosen Option : 3

**Q.17** Mona purchased two sets of jewellery for ₹4,000 each. She sold these sets of jewellery, gaining 8% on one and loosing 6% on the other. Calculate her total loss or gain in this whole transaction.

- Ans  1. ₹120 gain  
 2. ₹80 gain  
 3. ₹80 loss  
 4. ₹120 loss

Question ID : 26433091542

Status : Answered

Chosen Option : 2

Q.18 A boat covers a distance of 12 km in 1 hour upstream and in 45 minutes downstream.  
Find the speed of the boat and the stream (in km/h).

- Ans  1. 16; 4  
 2. 16; 2  
 3. 14; 2  
 4. 12; 4

Question ID : 26433099024

Status : Not Answered

Chosen Option : --

Q.19 Which of the following numbers is divisible by 99?

- Ans  1. 31548  
 2. 60687  
 3. 44775  
 4. 84456

Question ID : 264330131117

Status : Answered

Chosen Option : 2

Q.20 Simplify  $\frac{256x^4 - 16y^4}{(80x^2 - 20y^2)(16x^2 + 4y^2)}$ .

- Ans  1. 5  
 2.  $\frac{1}{20}$   
 3.  $\frac{1}{5}$   
 4.  $\frac{2}{5}$

Question ID : 264330122113

Status : Answered

Chosen Option : 3

**Q.21** The given table represents the monthly income of 100 families of a locality.

Monthly income range (in ₹)	Number of families
Income more than ₹10,000	100
Income more than ₹13,000	85
Income more than ₹16,000	69
Income more than ₹19,000	50
Income more than ₹22,000	33
Income more than ₹25,000	15

The number of families having income range (in ₹) 19000 – 22000 is:

- Ans  1. 17  
 2. 19  
 3. 22  
 4. 24

Question ID : 26433075169

Status : Answered

Chosen Option : 1

**Q.22** A family income is ₹35,000 in a month. The family spends the income on various expenditures, viz., food, health, education, entertainment, and rent. After incurring all the expenditures, 8% is saved every month. The expenditure on health is 50% more than that of food. While food is three times of the expenditure on entertainment, the expenditure on health is half of the expenditure on education. The expenditure on rent is one-third of the combined expenditure on food, health and education. How much expenditure (in ₹) is incurred on education?

- Ans  1. 12600  
 2. 8400  
 3. 13200  
 4. 7700

Question ID : 264330129997

Status : Not Answered

Chosen Option : --

**Q.23** Which of the following is the lowest ratio?

- Ans  1. 8 : 19  
 2. 15 : 38  
 3. 17 : 38  
 4. 13 : 19

Question ID : 264330102352

Status : Answered

Chosen Option : 4

Q.24

If  $7a - \frac{7}{a} + 4 = 0$ , then find  $a^3 - \frac{1}{a^3} - 1$ .

Ans

- 1.  $\frac{-995}{343}$
- 2.  $\frac{-875}{248}$
- 3.  $\frac{-694}{315}$
- 4.  $\frac{-765}{262}$

Question ID : 264330122699

Status : Answered

Chosen Option : 1

Q.25 ₹8,500 becomes ₹11,050 in 6 years at a certain rate of simple interest. If the rate becomes 1.8 times of itself, the amount of the same principal in 5 years will be:

Ans

- 1. ₹15,625
- 2. ₹14,350
- 3. ₹13,550
- 4. ₹12,325

Question ID : 264330104356

Status : Answered

Chosen Option : 4

#### Section : English Comprehension

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

Gentle

- Ans
- 1. Fierce
  - 2. Ferocious
  - 3. Cruel
  - 4. Sympathetic

Question ID : 26433092064

Status : Answered

Chosen Option : 4

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

My friend Meera and her mother is visiting me this weekend.

- Ans
- 1. have visiting
  - 2. am visiting
  - 3. was visiting
  - 4. are visiting

Question ID : 26433081306

Status : Answered

Chosen Option : 4

- Q.3 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. Several times I have visited the narrow, dirty streets where the poor live, and I grow hot and indignant to think that good people should be content to live in fine houses and become strong and beautiful, while others are condemned to live in hideous, sunless tenements and grow ugly, withered and cringing.  
B. Dear little creatures, they crouch in my heart and haunt me with a constant sense of pain.  
C. The children who crowd these grimy alleys, half-clad and underfed, shrink away from your outstretched hand as if from a blow.  
D. In the country one sees only nature's fair works, and one's soul is not saddened by the cruel struggle for mere existence that goes on in the crowded city.

Ans  1. BACD  
 2. ADBC  
 3. CABD  
 4. DACB

Question ID : 264330143857

Status : Not Answered

Chosen Option : --

- Q.4 Identify from the given options the word OPPOSITE in meaning to the underlined word according to its meaning in the following sentence.

The confectioner dusted a fine layer of sugar on the muffin.

Ans  1. scattered  
 2. sprinkled  
 3. powdered  
 4. cleaned

Question ID : 26433088818

Status : Answered

Chosen Option : 1

- Q.5 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.

Anti-party activities / improved my relations /with an opposition.

Ans  1. Anti-party activities  
 2. No error  
 3. Improved my relations  
 4. With an opposition

Question ID : 26433088105

Status : Not Answered

Chosen Option : --

- Q.6 Select the most appropriate ANTONYM of the given word.

Compulsory

Ans  1. Obligatory  
 2. Mandatory  
 3. Voluntary  
 4. Subsidiary

Question ID : 26433090568

Status : Answered

Chosen Option : 3

**Q.7 Select the most appropriate meaning of the given idiom.**

At cross purposes

- Ans  1. Developing and amplifying ideas given  
 2. Finalising ideas and plans  
 3. Blindiy following each other's ideas  
 4. Disagreeing with each other's ideas

Question ID : 26433088903

Status : Answered

Chosen Option : 4

**Q.8 Select the most appropriate synonym of the underlined word.**

The Department of Educational Policy is committed to the study of educational policy, analyse, and evaluate educational programmes, to identify trends, understand outcomes and guide policy and practice, towards finding solutions to current problems in educational governance and management.

- Ans  1. affiliated  
 2. dedicated  
 3. inclined  
 4. apathetic

Question ID : 26433090768

Status : Answered

Chosen Option : 2

**Q.9 Select the option that can be used as a one-word substitute for the given group of words.**

Never changing and therefore boring.

- Ans  1. Outdated  
 2. Impractical  
 3. Idealistic  
 4. Monotonous

Question ID : 26433087911

Status : Answered

Chosen Option : 1

**Q.10 Select the option that expresses the given sentence in active voice.**

The painting was not made by you.

- Ans  1. You should not make the painting.  
 2. You does not make the painting.  
 3. You did not make the painting.  
 4. You do not make the painting.

Question ID : 264330141136

Status : Answered

Chosen Option : 2

Q.11 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.

All the horses, except one, always / behaved in a rough manner when / Robert come to clean the stable.

- Ans  1. behaved in a rough manner when  
 2. Robert come to clean the stable  
 3. No error  
 4. All the horses, except one, always

Question ID : 26433074505

Status : Answered

Chosen Option : 1

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

I've got a lot of homeworks this weekend.

- Ans  1. a lot of homework  
 2. No substitution  
 3. a lots of homework  
 4. much homework

Question ID : 26433099062

Status : Answered

Chosen Option : 1

Q.13 Select the option that expresses the given sentence in active voice.  
He was praised by his father.

- Ans  1. His father has praised him.  
 2. His father praises him.  
 3. His father had praised him.  
 4. His father praised him.

Question ID : 264330121833

Status : Answered

Chosen Option : 4

Q.14 Select the most appropriate ANTONYM of the underlined word.

He was riding his bike on a bumpy surface.

- Ans  1. Jerky  
 2. Uneven  
 3. Choppy  
 4. Steady

Question ID : 26433090867

Status : Answered

Chosen Option : 4

Q.15 Select the correct idiom that can substitute the italicised group of words in the given sentence.

You must not participate in the marathon this year without any training. It is *an unreal hope on your part!*

- Ans  1. carrying coal to new castle  
 2. a pipe dream  
 3. a will-o'-the-wisp  
 4. to lose one's temper

Question ID : 26433093259

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. Many species of bamboo flower once in several years and then die.  
B. The stem itself is hollow and is connected to a network of rhizomes, which spreads out beneath the surface of the soil.  
C. Roots grow out of this network of rhizomes and help the plants to absorb and distribute food and water from the soil.  
D. The bamboo is a variety of grass, with a woody, many-jointed stem.

- Ans  1. ADCB  
 2. DBCA  
 3. BCAD  
 4. CADC

Question ID : 26433097513

Status : Not Answered

Chosen Option : --

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The commanders entered by force into terrorists' camp.

- Ans  1. broke down  
 2. broke with  
 3. broke into  
 4. broke off

Question ID : 26433073847

Status : Answered

Chosen Option : 3

Q.18 Sentences with spelling errors are given. Select the sentence with NO error.

- Ans  1. Making healthcare more affordable is something I would do as Prescient.  
 2. Making healthcare more afordable is something I would do as President.  
 3. Making healthcare more affordable is something I would do as President.  
 4. Making healthcare more afordable is something I would do as Prescient.

Question ID : 26433089739

Status : Answered

Chosen Option : 3

Q.19 Select the INCORRECTLY spelt word.

- Ans  1. Receipt  
 2. Technically  
 3. Harrasment  
 4. Vaccinate

Question ID : 26433088426

Status : Answered

Chosen Option : 3

Q.20 Select the most appropriate option to fill in the blank.

Yesterday, I ate only a \_\_\_\_\_ of apples for my dinner.

- Ans  1. pier  
 2. pear  
 3. pare  
 4. pair

Question ID : 264330145559

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.

Since the 17th century, manure has been utilised in agriculture. In those days, they didn't know how plants got the (1)\_\_\_\_\_ they needed. They would toss wood debris, fish remains and other side-effects in an unfilled land to dispose of them. However, it wasn't long before people began to notice that the grass, bushes and shrubs there were beginning to (2)\_\_\_\_\_. They came to the conclusion that the soil supplied the plants with the nutrients they needed, and that organic remains could aid in this process. Because manure is (3)\_\_\_\_\_ from animals and plants, it not only provides a wide range of plant nutrients but also improves the structure of the soil. Farmers gradually began using fertilisers as well because they understood that if their farmlands were treated in a similar manner, the growth of their crops would also improve. It bonds the soil particles together to form soil crumbs, which are necessary for cultivating soil. Additionally, the addition of manure to the soil aids in the prevention of soil erosion and the loss of plant nutrients during precipitation. Commercial fertilisers, in contrast to manure, are inorganic (4)\_\_\_\_\_ that do not alter the structure of the soil. Their function is to provide the sprouting plants with additional nutrients. A farmer ought to know when and how to apply a particular kind of fertiliser. When the plants require a particular nutrient the most, use it. If fertilisers haven't been added correctly to the soil, their roots won't be able to take in a lot. Rainwater could wash away these fertilisers, or they could end up (5)\_\_\_\_\_ the plants instead, costing the farmer money.

**SubQuestion No : 21**

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

- Ans  1. maintenance  
 2. nutrients  
 3. ingredients  
 4. items

Question ID : 264330139319

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.

Since the 17th century, manure has been utilised in agriculture. In those days, they didn't know how plants got the (1) \_\_\_\_\_ they needed. They would toss wood debris, fish remains and other side-effects in an unfilled land to dispose of them. However, it wasn't long before people began to notice that the grass, bushes and shrubs there were beginning to (2) \_\_\_\_\_. They came to the conclusion that the soil supplied the plants with the nutrients they needed, and that organic remains could aid in this process. Because manure is (3) \_\_\_\_\_ from animals and plants, it not only provides a wide range of plant nutrients but also improves the structure of the soil. Farmers gradually began using fertilisers as well because they understood that if their farmlands were treated in a similar manner, the growth of their crops would also improve. It bonds the soil particles together to form soil crumbs, which are necessary for cultivating soil. Additionally, the addition of manure to the soil aids in the prevention of soil erosion and the loss of plant nutrients during precipitation. Commercial fertilisers, in contrast to manure, are inorganic (4) \_\_\_\_\_ that do not alter the structure of the soil. Their function is to provide the sprouting plants with additional nutrients. A farmer ought to know when and how to apply a particular kind of fertiliser. When the plants require a particular nutrient the most, use it. If fertilisers haven't been added correctly to the soil, their roots won't be able to take in a lot. Rainwater could wash away these fertilisers, or they could end up (5) \_\_\_\_\_ the plants instead, costing the farmer money.

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

- Ans  1. cherish  
 2. raise  
 3. flourish  
 4. tend

Question ID : 264330139320

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.

Since the 17th century, manure has been utilised in agriculture. In those days, they didn't know how plants got the (1) \_\_\_\_\_ they needed. They would toss wood debris, fish remains and other side-effects in an unfilled land to dispose of them. However, it wasn't long before people began to notice that the grass, bushes and shrubs there were beginning to (2) \_\_\_\_\_. They came to the conclusion that the soil supplied the plants with the nutrients they needed, and that organic remains could aid in this process. Because manure is (3) \_\_\_\_\_ from animals and plants, it not only provides a wide range of plant nutrients but also improves the structure of the soil. Farmers gradually began using fertilisers as well because they understood that if their farmlands were treated in a similar manner, the growth of their crops would also improve. It bonds the soil particles together to form soil crumbs, which are necessary for cultivating soil. Additionally, the addition of manure to the soil aids in the prevention of soil erosion and the loss of plant nutrients during precipitation. Commercial fertilisers, in contrast to manure, are inorganic (4) \_\_\_\_\_ that do not alter the structure of the soil. Their function is to provide the sprouting plants with additional nutrients. A farmer ought to know when and how to apply a particular kind of fertiliser. When the plants require a particular nutrient the most, use it. If fertilisers haven't been added correctly to the soil, their roots won't be able to take in a lot. Rainwater could wash away these fertilisers, or they could end up (5) \_\_\_\_\_ the plants instead, costing the farmer money.

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

- Ans  1. extracted  
 2. constructed  
 3. derived  
 4. build

Question ID : 264330139321

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.

Since the 17th century, manure has been utilised in agriculture. In those days, they didn't know how plants got the (1) \_\_\_\_\_ they needed. They would toss wood debris, fish remains and other side-effects in an unfilled land to dispose of them. However, it wasn't long before people began to notice that the grass, bushes and shrubs there were beginning to (2) \_\_\_\_\_. They came to the conclusion that the soil supplied the plants with the nutrients they needed, and that organic remains could aid in this process. Because manure is (3) \_\_\_\_\_ from animals and plants, it not only provides a wide range of plant nutrients but also improves the structure of the soil. Farmers gradually began using fertilisers as well because they understood that if their farmlands were treated in a similar manner, the growth of their crops would also improve. It bonds the soil particles together to form soil crumbs, which are necessary for cultivating soil. Additionally, the addition of manure to the soil aids in the prevention of soil erosion and the loss of plant nutrients during precipitation. Commercial fertilisers, in contrast to manure, are inorganic (4) \_\_\_\_\_ that do not alter the structure of the soil. Their function is to provide the sprouting plants with additional nutrients. A farmer ought to know when and how to apply a particular kind of fertiliser. When the plants require a particular nutrient the most, use it. If fertilisers haven't been added correctly to the soil, their roots won't be able to take in a lot. Rainwater could wash away these fertilisers, or they could end up (5) \_\_\_\_\_ the plants instead, costing the farmer money.

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

- Ans  1. contents  
 2. substances  
 3. essences  
 4. compositions

Question ID : 264330139322

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.

Since the 17th century, manure has been utilised in agriculture. In those days, they didn't know how plants got the (1) \_\_\_\_\_ they needed. They would toss wood debris, fish remains and other side-effects in an unfilled land to dispose of them. However, it wasn't long before people began to notice that the grass, bushes and shrubs there were beginning to (2) \_\_\_\_\_. They came to the conclusion that the soil supplied the plants with the nutrients they needed, and that organic remains could aid in this process. Because manure is (3) \_\_\_\_\_ from animals and plants, it not only provides a wide range of plant nutrients but also improves the structure of the soil. Farmers gradually began using fertilisers as well because they understood that if their farmlands were treated in a similar manner, the growth of their crops would also improve. It bonds the soil particles together to form soil crumbs, which are necessary for cultivating soil. Additionally, the addition of manure to the soil aids in the prevention of soil erosion and the loss of plant nutrients during precipitation. Commercial fertilisers, in contrast to manure, are inorganic (4) \_\_\_\_\_ that do not alter the structure of the soil. Their function is to provide the sprouting plants with additional nutrients. A farmer ought to know when and how to apply a particular kind of fertiliser. When the plants require a particular nutrient the most, use it. If fertilisers haven't been added correctly to the soil, their roots won't be able to take in a lot. Rainwater could wash away these fertilisers, or they could end up (5) \_\_\_\_\_ the plants instead, costing the farmer money.

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

- Ans  1. wounding  
 2. harming  
 3. replicating  
 4. hurting

Question ID : 264330139323

Status : Not Answered

Chosen Option : --

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	iON Digital Zone iDZ Chitoura Road
Exam Date	25/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

**Q.1** In a certain code language, 'MOBILE' is coded as BJFZLK and 'TABLET' is coded as QCIZXR. How will 'KINDLE' be coded in the same language?

- Ans     1. BJALFI  
 2. BJBKFI  
 3. CIBKGC  
 4. CJBLGI

Question ID : 264330132213

Status : Answered

Chosen Option : 1

**Q.2** Which letter-cluster will replace the question mark (?) to complete the given series?  
BAWP, ?, DWCH, EUFD, FSIZ

- Ans     1. CYZL  
 2. CZYL  
 3. CLZY  
 4. CYZH

Question ID : 26433076669

Status : Answered

Chosen Option : 1

**Q.3** Which two signs and two numbers should be interchanged to make the following equation correct?  
 $840 \div 38 - 7 + 10 \times 12 = 462$

- Ans     1. 12 and 10, ÷ and +  
 2. 12 and 38, × and –  
 3. 12 and 7, + and ×  
 4. 840 and 10, + and –

Question ID : 264330122145

Status : Answered

Chosen Option : 2

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

- 1 Typographical
- 2 Typologically
- 3 Typifications
- 4 Typicalness
- 5 Tyrannosaurus

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

2. 5, 2, 1, 3, 4

3. 2, 3, 5, 1, 4

4. 2, 3, 5, 4, 1

Question ID : 264330102493

Status : Answered

Chosen Option : 1

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.

N M L \_ J N \_ L J J \_ M L J \_ N M \_ J J

Ans  1. J M N J L

2. J N L M J

3. M N L J M

4. M N J L N

Question ID : 264330143732

Status : Answered

Chosen Option : 1

Q.6 Select the correct combination of mathematical signs to sequentially replace the \* signs and balance the given equation.

$9 * 16 * 64 * 8 * 2 * 9$

Ans  1. ÷, +, ×, −, =

2. −, ÷, +, ×, =

3. +, ÷, ×, −, =

4. ÷, −, +, ×, =

Question ID : 26433068672

Status : Answered

Chosen Option : 3

Q.7 A family got split and the children of R were left with R's maternal grandfather's only granddaughter's father. How is the person with whom the children are left with related to R?

Ans  1. R's son

2. R's paternal grandfather

3. R's maternal grandfather

4. R's father

Question ID : 264330120540

Status : Answered

Chosen Option : 4

Q.8 In a certain code language, 'BENT' is coded as '3198' and 'DEBT' is coded as '8316'.  
What is the code for 'N' in the given code language?

Ans  1. 1

2. 9

3. 3

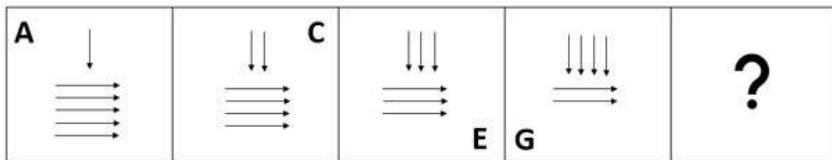
4. 8

Question ID : 264330126011

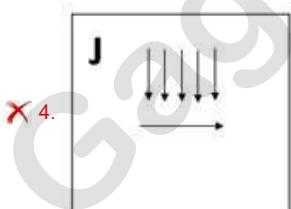
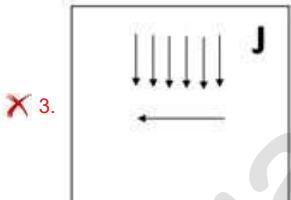
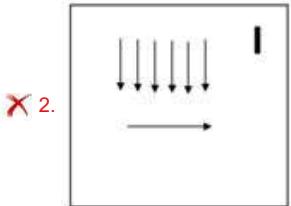
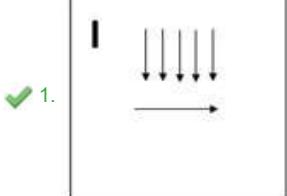
Status : Answered

Chosen Option : 2

Q.9 Select the figure that will come in place of the question mark (?) in the following figure series.



Ans



Question ID : 26433076558

Status : Answered

Chosen Option : 1

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the given set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits.E.g. 13 – Operations on 13 such as adding /Subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(25, 150, 3)

(18, 180, 5)

Ans  1. (13,39,3)

2. (101,408,2)

3. (52,728,7)

4. (61,601,5)

Question ID : 264330114662

Status : Answered

Chosen Option : 3

Q.11 If 31 January 2009 was a Saturday, then what was the day of the week on 30 January 2013?

Ans  1. Tuesday

2. Wednesday

3. Monday

4. Friday

Question ID : 26433067250

Status : Answered

Chosen Option : 1

Q.12 Three different positions of the same dice are shown. Find the number on the face

opposite the face showing '1'.

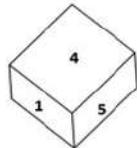


Figure 1

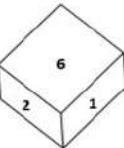


Figure 2

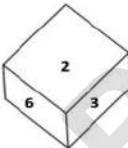


Figure 3

Ans  1. 5

2. 6

3. 2

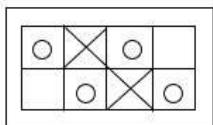
4. 3

Question ID : 26433082886

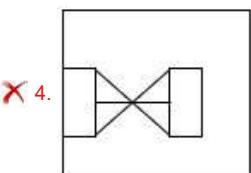
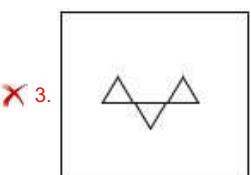
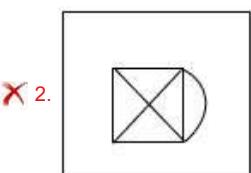
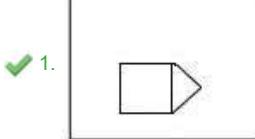
Status : Answered

Chosen Option : 4

- Q.13 Select the option figure which is embedded in the given figure (rotation is NOT allowed).



Ans



Question ID : 26433090083

Status : Answered

Chosen Option : 1

- Q.14 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$7 : 35 :: 21 : 399 :: 4 : ?$$

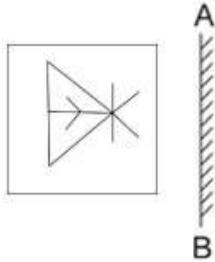
- Ans
- ✗ 1. 24  
✗ 2. 20  
✓ 3. 8  
✗ 4. 12

Question ID : 26433082447

Status : Answered

Chosen Option : 3

Q.15 Select the correct mirror image of the given figure when the mirror is placed at AB.



Ans

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

Question ID : 264330106450

Status : Answered

Chosen Option : 2

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.

$$7 : 47 :: 11 : 119 :: 3 : ?$$

Ans

- 1. 14
- 2. 15
- 3. 11
- 4. 7

Question ID : 26433082448

Status : Answered

Chosen Option : 4

Q.17 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.)

Plant : Pot :: Fish : ?

Ans

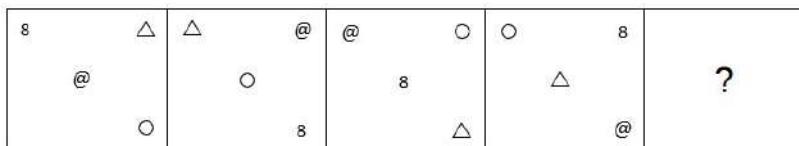
- 1. Mud
- 2. Sand
- 3. Stone
- 4. Aquarium

Question ID : 26433069135

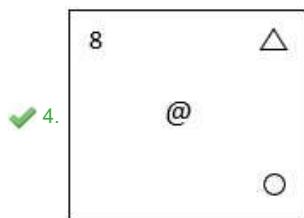
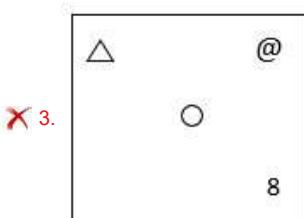
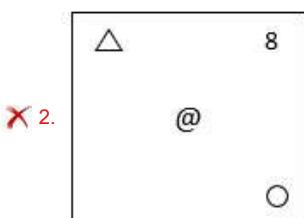
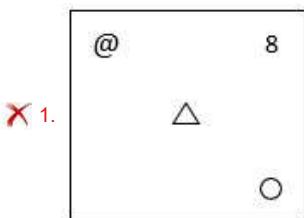
Status : Answered

Chosen Option : 4

- Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 26433085382

Status : Answered

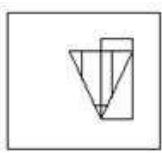
Chosen Option : 4

Q.19 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

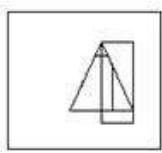


Ans

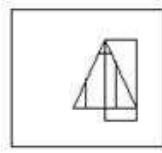
X 1.



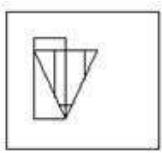
X 2.



✓ 3.



X 4.



Question ID : 26433068185

Status : Answered

Chosen Option : 3

Q.20 Which of the following numbers will replace the question mark (?) in the given series?

57, 69, 88, 112, 150, 186, 243, ?

Ans X 1. 286

X 2. 289

✓ 3. 291

X 4. 300

Question ID : 26433057560

Status : Not Answered

Chosen Option : --

Q.21 In a certain code language, 'RELAX' is written as 'CPPZC' and 'STAKE' is written as 'RQEJM'. How will 'WINDS' be written in that language?

Ans ✓ 1. GURUF

X 2. HUSVG

X 3. HURVG

X 4. GVSUF

Question ID : 264330131615

Status : Not Answered

Chosen Option : --

Q.22 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.

$$750 : 5 :: 384 : 4 :: 3072 : ?$$

Ans  1. 8

2. 9

3. 6

4. 7

Question ID : 26433085827

Status : Answered

Chosen Option : 1

Q.23 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. (21, 238)

2. (17, 194)

3. (13, 150)

4. (23, 270)

Question ID : 264330143673

Status : Not Answered

Chosen Option : --

Q.24 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.)

Cow : Milk :: Sheep : ?

Ans  1. Wool

2. Baby

3. Silk

4. Clothes

Question ID : 26433087271

Status : Answered

Chosen Option : 1

Q.25 In a family of four persons there is only one child. B is A's wife and D's daughter. If C is A's daughter, how is C related to D?

Ans  1. Son's son

2. Daughter's daughter

3. Daughter

4. Son

Question ID : 264330120826

Status : Answered

Chosen Option : 2

Q.1 Non-Tax revenue is part of \_\_\_\_\_.

- Ans  1. Revenue Expenditure  
 2. Revenue Receipts  
 3. Capital Expenditure  
 4. Capital Receipts

Question ID : 264330109356

Status : Answered

Chosen Option : 2

Q.2 In which Biosphere Reserve is the largest endangered marine mammal Dugong i.e., Dugong dugon and sea turtles also found?

- Ans  1. Khangchendzonga Biosphere Reserve  
 2. Seshachalam Biosphere Reserve  
 3. Pachmarhi Biosphere Reserve  
 4. Gulf of Mannar Biosphere Reserve

Question ID : 264330113484

Status : Answered

Chosen Option : 2

Q.3 Which year census is the 15<sup>th</sup> National census survey conducted by the Census Organisation of India?

- Ans  1. 1991  
 2. 2001  
 3. 1981  
 4. 2011

Question ID : 264330144087

Status : Answered

Chosen Option : 4

Q.4 Which of the following is the only rack railway in India that was declared a UNESCO World Heritage Site in 2005?

- Ans  1. Nilgiri Mountain Railway  
 2. Kangra Valley Railway  
 3. Matheran Hill Railway  
 4. Kalka–Shimla Railway

Question ID : 264330111320

Status : Not Answered

Chosen Option : --

Q.5 In which of the following sports, apart from volleyball, do players make use of the Screen technique?

- Ans  1. Basketball  
 2. Cricket  
 3. Baseball  
 4. Handball

Question ID : 26433059443

Status : Answered

Chosen Option : 1

Q.6 Which player led India at the women's Hockey Asia Cup in Muscat, which was held in January 2022?

Ans  1. Navneet Kaur

2. Rani Rampal

3. Susmita Patil

4. Savita Punia

Question ID : 26433090656

Status : Not Answered

Chosen Option : --

Q.7 In how many agro-climatic zones has Tamil Nadu been classified?

Ans  1. 3

2. 9

3. 7

4. 5

Question ID : 264330110100

Status : Not Answered

Chosen Option : --

Q.8 The President of India \_\_\_\_\_ inaugurated Sangeet Natak Akademi on 28 January 1953.

Ans  1. Sarvpalli Radhakrishna

2. Mohammad Hidayatullah

3. Rajendra Prasad

4. Jakir Husain

Question ID : 26433074130

Status : Answered

Chosen Option : 3

Q.9 In which year did Walther Flemming coined the term 'chromatin' for the stained substance found in the cell nucleus?

Ans  1. 1900

2. 1840

3. 1849

4. 1879

Question ID : 264330110080

Status : Not Answered

Chosen Option : --

Q.10 In which of the following Indian states, is Makar Sankranti celebrated by the name of 'Magha Saajji'?

Ans  1. Punjab

2. Himachal Pradesh

3. Uttarakhand

4. Jharkhand

Question ID : 26433069909

Status : Answered

Chosen Option : 2

Q.11 Who among the following was the flag bearer of the Indian contingent at the opening ceremony of the Asian Games 2018?

Ans  1. Neeraj Chopra

- 2. Saina Nehwal
- 3. Bajrang Punia
- 4. PT Usha

Question ID : 2643301118437

Status : Not Answered

Chosen Option : --

Q.12 Which is the largest Dun formations in India?

Ans  1. Harike Dun

- 2. Nalagarh Dun
- 3. Kota Dun
- 4. Dehra Dun

Question ID : 264330110651

Status : Answered

Chosen Option : 1

Q.13 What do you understand by 'dual citizenship' as in the case of the US?

Ans  1. Citizenship of two states simultaneously with two countries

- 2. Citizenship of a country alongwith that of a constituent State, where one resides/born
- 3. Citizenship of two states alongwith two countries
- 4. Citizenship of two countries simultaneously

Question ID : 264330110121

Status : Answered

Chosen Option : 2

Q.14 The first phase of the Green Revolution was restricted largely to two crops and the regions where they are grown. Which of the following pairs best represents these two crops?

Ans  1. Rice, corn

- 2. Wheat, rice
- 3. Cotton, indigo
- 4. Millet, wheat

Question ID : 264330109109

Status : Answered

Chosen Option : 2

Q.15 As per physicists and their major contributions/discoveries, Which of the following pair is INCORRECT?

Ans  1. John Bardeen – Theory of superconductivity

- 2. Louis Victor de Broglie – Wavenature of matter
- 3. Victor Francis Hess – Cosmic radiation
- 4. Paul Dirac – Liquid helium

Question ID : 264330144056

Status : Not Answered

Chosen Option : --

**Q.16** In December 2022, who among the following was elected as the first woman President of Indian Olympic Association?

Ans  1. PT Usha

- 2. Rajlaxmi Singh Deo
- 3. Karnam Malleswari
- 4. Dola Banarjee

Question ID : 264330133012

Status : Not Answered

Chosen Option : --

**Q.17** What was the period of Harshavardhana's reign?

Ans  1. 647 CE to 700 CE

- 2. 570 CE to 610 CE
- 3. 606 CE to 647 CE
- 4. 545 CE to 570 CE

Question ID : 264330114025

Status : Answered

Chosen Option : 2

**Q.18** Padma Bhushan awardee, Guru Vempati Chinna Satyam, was a renowned guru for which of the following classical dance forms?

Ans  1. Kathakali

- 2. Kathak
- 3. Odissi
- 4. Kuchipudi

Question ID : 26433055418

Status : Answered

Chosen Option : 4

**Q.19** Famous dance personality Kelucharan Mopapatra is associated with which of these dance forms?

Ans  1. Kathak

- 2. Bharatanatyam
- 3. Kathakali
- 4. Odissi

Question ID : 264330109291

Status : Answered

Chosen Option : 4

**Q.20** While historians use the term Vijayanagara Empire and contemporaries of this empire described it as the\_\_\_\_\_.

Ans  1. Gajapati Samaraja

- 2. Karnataka Samrajyamu
- 3. Andhra Samrajyu
- 4. Sthalapati Samrajya

Question ID : 264330111382

Status : Not Answered

Chosen Option : --

Q.21 Which Article of the Indian Constitution empowers the Supreme Court to review its own judgements or orders?

- Ans  1. Article 138  
 2. Article 135  
 3. Article 136  
 4. Article 137

Question ID : 264330114499

Status : Answered

Chosen Option : 4

Q.22 For the political education of the people at the local level, who brought the resolution on local self-government?

- Ans  1. Lord Ripon  
 2. Lord Mayo  
 3. Lord Canning  
 4. Lord Lytton

Question ID : 264330109031

Status : Not Answered

Chosen Option : --

Q.23 When was the International Day for Elder Persons 2021 celebrated?

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

Question ID : 26433069807

Status : Not Answered

Chosen Option : --

Q.24 Which of the following elements has variable valency?

- Ans  1. Iron  
 2. Sodium  
 3. Sulphur  
 4. Magnesium

Question ID : 26433064412

Status : Answered

Chosen Option : 3

Q.25 The Hindu Mahasabha was founded as a response to muslim fundamentalism in which year?

- Ans  1. 1917  
 2. 1915  
 3. 1925  
 4. 1910

Question ID : 264330134592

Status : Not Answered

Chosen Option : --

**Q.1** The cube of the sum of two given numbers is 1728, while the product of the two given numbers is 32. Find the positive difference between the cubes of the two given numbers.

- Ans  1. 448  
 2. 576  
 3. 480  
 4. 512

Question ID : 264330114557

Status : Answered

Chosen Option : 1

**Q.2** Simplify the following expression.

$$\frac{x^2 - 2x - 63}{x^2 + 14x + 49}$$

- Ans  1.  $\frac{x+9}{x+7}$   
 2.  $\frac{x-7}{x+7}$   
 3.  $\frac{x+7}{x-7}$   
 4.  $\frac{x-9}{x+7}$

Question ID : 264330145543

Status : Answered

Chosen Option : 4

**Q.3**

The value of  $\sqrt{\frac{1+\cos \theta}{1-\cos \theta}}$  is:

- Ans  1.  $\sec \theta + \tan \theta$   
 2.  $\operatorname{cosec} \theta - \cot \theta$   
 3.  $\operatorname{cosec} \theta + \cot \theta$   
 4.  $\sec \theta - \tan \theta$

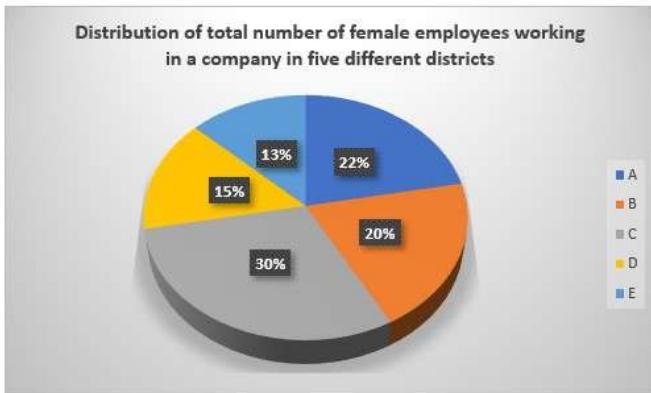
Question ID : 26433075220

Status : Answered

Chosen Option : 1

- Q.4** The pie chart below shows the distribution of female employees working in a company in five different districts (A, B, C, D and E).

Total number of female employees in five districts = 136000



What is the total number of female employees working in a company in district C and district D?

- Ans**
- 1. 61200
  - 2. 62000
  - 3. 62290
  - 4. 6100

Question ID : 264330145021

Status : Answered

Chosen Option : 1

- Q.5** The difference between a discount of 40% and two successive discounts of 30% on a certain bill was ₹220. Find the amount of the bill (in ₹).

- Ans**
- 1. 2200
  - 2. 1100
  - 3. 1000
  - 4. 2000

Question ID : 264330104247

Status : Answered

Chosen Option : 4

- Q.6** If  $(y + \frac{1}{y}) = 4$ , find the value of  $(y^6 + \frac{1}{y^6})$ .

- Ans**
- 1. 2702
  - 2. 2704
  - 3. 4096
  - 4. 2706

Question ID : 264330114538

Status : Answered

Chosen Option : 2

Q.7 A is 50% more efficient than B. B worked to finish the same work in 20 days. If A and B worked together, then how much time will they take to finish the same work?

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

Question ID : 264330143477

Status : Answered

Chosen Option : 3

Q.8 What is the area of the sector of a circle of radius 8 cm and formed by an arc of length 12 cm?

- Ans  1.  $45 \text{ cm}^2$   
 2.  $47 \text{ cm}^2$   
 3.  $48 \text{ cm}^2$   
 4.  $84 \text{ cm}^2$

Question ID : 26433080234

Status : Not Answered

Chosen Option : --

Q.9 The cost price of an article is decreased by 10% and then increased by 20%. If the final price is ₹540, then the original cost price is:

- Ans  1. ₹500  
 2. ₹650  
 3. ₹550  
 4. ₹600

Question ID : 26433090302

Status : Answered

Chosen Option : 1

Q.10 The curved surface area of a solid circular cylinder of height 12 cm is  $2640 \text{ cm}^2$ . What is the volume (in  $\text{cm}^3$ ) of the cylinder? (Take  $\pi=22/7$ )

- Ans  1. 46200  
 2. 37900  
 3. 42000  
 4. 55200

Question ID : 26433061919

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.11  $100 \div 10 - [-2 + \{-9 + (3 - 6 \text{ of } 2)\}] = \underline{\hspace{2cm}}$ .

- Ans  1. -6  
 2. 20  
 3. 30  
 4. 0

Question ID : 264330143455

Status : Answered

Chosen Option : 3

Q.12 The fourth proportional to 8, 32 and 13 is:

- Ans  1. 39  
 2. 40  
 3. 26  
 4. 52

Question ID : 264330102354

Status : Answered

Chosen Option : 4

Q.13 The rate of simple interest for which ₹9,000 will amount to ₹10,200 in 4 years is:

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

Question ID : 264330111473

Status : Answered

Chosen Option : 4

Q.14 What is the remainder when  $(x^{17} + 1)$  is divided by  $(x + 1)$ ?

- Ans  1. x  
 2.  $x - 1$   
 3. 0  
 4. 1

Question ID : 264330130902

Status : Answered

Chosen Option : 3

Q.15 A boat running upstream takes 10 hours to cover a certain distance, while it takes 7 hours to cover the same distance running downstream. What is the ratio between the speed of the boat and that of the water current, respectively?

- Ans  1. 17 : 5  
 2. 3 : 17  
 3. 2 : 17  
 4. 17 : 3

Question ID : 264330102371

Status : Answered

Chosen Option : 4

**Q.16** Rice worth ₹35 per kilogram and ₹38 per kilogram are mixed with a third variety in the ratio 2 : 1 : 2. If the mixture is worth ₹42 per kilogram, the price of the third variety per kilogram is:

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

Question ID : 264330103606

Status : Answered

Chosen Option : 4

**Q.17** Two circles touch each other externally. The radius of the first circle with centre O is 6 cm. The radius of the second circle with centre P is 3 cm. Find the length of their common tangent AB.

- Ans  1.  $3\sqrt{2}$  cm  
 2.  $4\sqrt{2}$  cm  
 3.  $6\sqrt{3}$  cm  
 4.  $6\sqrt{2}$  cm

Question ID : 26433074352

Status : Answered

Chosen Option : 1

**Q.18** What is the value of  $5\sqrt{3} \cos 60^\circ \tan 30^\circ - 3 \cos 0^\circ + 3 \cos^2 45^\circ + 2 \sin^2 60^\circ$ ?

- Ans  1.  $2\sqrt{3}$   
 2. 2.5  
 3. 3.5  
 4.  $3\sqrt{2}$

Question ID : 264330143621

Status : Answered

Chosen Option : 2

**Q.19** The effective speed of a boat is 15.2 km/h against the stream and 20.8 km/h along the stream. Find the speed of the stream.

- Ans  1. 18 km/h  
 2. 1.8 km/h  
 3. 2.8 km/h  
 4. 3 km/h

Question ID : 264330122080

Status : Answered

Chosen Option : 3

**Q.20** 2 men can finish a work in 6 days and 3 women can finish the same work in 4 days. In how many days will the work be finished by 1 man and 2 women, working together every day?

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

Question ID : 264330126149

Status : Answered

Chosen Option : 1

**Q.21** In the first month, the income of Mohan increases by 30%. In the second month his income decreases by 30%. What will be percentage increase or decrease in the income after two months?

- Ans  1. 15% increase  
 2. 9% increase  
 3. 15% decrease  
 4. 9% decrease

Question ID : 26433090298

Status : Answered

Chosen Option : 4

**Q.22** If  $\cos^2 \theta = \frac{3}{4}$ , where  $\theta$  is an acute angle, then the value of  $\sin(\theta + 30^\circ)$  is:

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

Question ID : 26433075031

Status : Answered

Chosen Option : 4

**Q.23** A can complete a piece of work in 14 days, while A and B together can complete it in  $3\frac{1}{2}$  days. How long will B alone take to complete it?

- Ans  1. 4 days  
 2. 5 days  
 3.  $\frac{3}{14}$  days  
 4.  $\frac{14}{3}$  days

Question ID : 264330130965

Status : Answered

Chosen Option : 4

**Q.24** If  $r = 15(\sin \theta + \cos \theta)$  and  $s = 16(\sin \theta - \cos \theta)$ , then the value of

$$\frac{r^2}{15^2} + \frac{s^2}{16^2}$$
 is \_\_\_\_\_.

**Ans**  1. 8

2. 6

3. 4

4. 2

Question ID : 264330143553

Status : Answered

Chosen Option : 4

**Q.25** The following table shows the percentage of population of four states below poverty line and the proportion of males and females below and above poverty line.

State	Percentage of Population Below Poverty Line	Proportion of Males and Females	
		Below Poverty Line	Above Poverty Line
		Males : Females	Males : Females
A	10%	2 : 3	4 : 5
B	25%	3 : 5	3 : 2
C	28%	1 : 4	5 : 3
D	38%	7 : 1	7 : 4

If the total population of State B is 7,200, then what is the number of females below poverty line in that state?

**Ans**  1. 1,025

2. 1,125

3. 1,075

4. 1,250

Question ID : 264330131533

Status : Answered

Chosen Option : 2

#### Section : English Comprehension

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

Does she prepare the lesson?

**Ans**  1. Do she prepare the lesson?

2. Is the lesson prepared by her?

3. Is she preparing the lesson?

4. Is the lesson being prepared by her?

Question ID : 264330141125

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. And also, they contribute to the development of social and environmental solutions for the planet's future.  
B. Companies do play an important role in modern society.  
C. Because of their systematic relevance and their impact on policy-making, companies must use their influence in ways that benefit the public good.  
D. Some corporations have become so large that their activities and strategic decisions have a direct impact on government policy and citizens' lives.

Ans  1. DCAB  
 2. DBCA  
 3. ADCB  
 4. BDCA

Question ID : 264330117138

Status : Answered

Chosen Option : 4

- Q.3 Select the most appropriate meaning of the underlined idiom in the following sentence.

I just went to Bali on a backpacking trip and did everything by the ear without any itinerary.

Ans  1. by spreading rumors  
 2. by improvisation  
 3. while criticising  
 4. by asking

Question ID : 264330101446

Status : Answered

Chosen Option : 4

- Q.4 Select the option that is OPPOSITE in meaning to the given word.

Jubilant

Ans  1. Indifferent  
 2. Thoughtful  
 3. Gay  
 4. Melancholic

Question ID : 264330122276

Status : Answered

Chosen Option : 1

- Q.5 Select the option that can be used as a one-word substitute for the given group of words.

Changing secret and coded messages in a readable form

Ans  1. Decoupling  
 2. Encoding  
 3. Decoding  
 4. Encrypting

Question ID : 26433086481

Status : Answered

Chosen Option : 3

**Q.6 Identify and correct the INCORRECTLY spelt word in the given sentence.**  
Successful people often have a role modal who inspired them to greatness.

- Ans  1. gratenes  
 2. succesful  
 3. inspaired  
 4. model

Question ID : 26433099658

Status : Answered

Chosen Option : 4

**Q.7 Choose the option that rectifies the incorrectly spelt underlined word.**

Mr. Singh is a phenomenally sucsesful salesperson.

- Ans  1. sucessful  
 2. successful  
 3. successfull  
 4. sucesfull

Question ID : 26433088848

Status : Answered

Chosen Option : 2

**Q.8 Select the most appropriate ANTONYM of the given word.**

Grow

- Ans  1. Shrink  
 2. Crimp  
 3. Plant  
 4. Alter

Question ID : 264330102462

Status : Answered

Chosen Option : 1

**Q.9 Select the option that can be used as a one-word substitute for the given group of words.**

Enjoying or affording warm secure shelter or cover and opportunity for ease and contentment

- Ans  1. Undisturbed  
 2. Easeful  
 3. Untroubled  
 4. Snug

Question ID : 26433084590

Status : Answered

Chosen Option : 4

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

Kind, generous, and forgiving.

- Ans  1. Magnificent  
 2. Grandiloquent  
 3. Portentous  
 4. Magnanimous

Question ID : 26433087903

Status : Answered

Chosen Option : 4

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

You wash / the dishes / and / I dry the same.

- Ans  1. and  
 2. You wash  
 3. I dry the same  
 4. the dishes

Question ID : 26433088092

Status : Answered

Chosen Option : 3

Q.12 Select the grammatically correct sentence.

- A.As a nation, India is a united country and shall always remain so.  
B.As nation, India is a united country and shall always remain so.  
C.As the nation, India is a united country and shall always remain so.  
D.As a nation, India is an united country and shall always remain so.

- Ans  1. A  
 2. B  
 3. D  
 4. C

Question ID : 26433073533

Status : Answered

Chosen Option : 3

Q.13 Select the most appropriate option to fill in the blank.

I take my \_\_\_\_\_ off to our freedom fighters for their service to our country.

- Ans  1. boots  
 2. hat  
 3. gun  
 4. socks

Question ID : 26433088456

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate option to fill in the blank.  
\_\_\_\_\_ droplets settled on top of leaves.

- Ans  1. Due  
 2. Doe  
 3. Do  
 4. Dew

Question ID : 264330121280

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate ANTONYM of the underlined word to fill in the blank.  
Instead of becoming joyous to hear the breaking news, she became \_\_\_\_\_ .

- Ans  1. melancholic  
 2. vengeful  
 3. ecstatic  
 4. exuberant

Question ID : 264330121890

Status : Answered

Chosen Option : 3

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The young boy displayed an aptitude on scientific research.

- Ans  1. aptitude for  
 2. aptitude at  
 3. aptitude by  
 4. aptitude in

Question ID : 26433081318

Status : Answered

Chosen Option : 2

Q.17 Select the option that expresses the given sentence in passive voice.

The magazine house was expecting unpublished authors for their forthcoming exclusive issue on new trends.

- Ans  1. Unpublished authors will be expected by the magazine house for their forthcoming exclusive issue on new trends.  
 2. Unpublished authors were being expected by the magazine house for their forthcoming exclusive issue on new trends.  
 3. Unpublished authors was expected by the magazine house for their forthcoming exclusive issue on new trends.  
 4. Unpublished authors were expected by the magazine house for their forthcoming exclusive issue on new trends.

Question ID : 264330136441

Status : Answered

Chosen Option : 2

Q.18 Select the correct option to substitute the underlined segment in the given sentence.  
He had given me that book in 1999.

- Ans  1. did give me  
 2. was given me  
 3. gives me  
 4. gave me

Question ID : 26433093002

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate synonym of the given word.

Predicament

- Ans  1. Ease  
 2. Quandary  
 3. Blessing  
 4. Solution

Question ID : 26433073701

Status : Not Answered

Chosen Option : --

Q.20 Select the most appropriate ANTONYM of the underlined word.

His knowledge is superficial in nature.

- Ans  1. Deviant  
 2. Profound  
 3. Artificial  
 4. Opposing

Question ID : 26433091824

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 modern world (1) \_\_\_\_\_ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets, travel and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) \_\_\_\_\_ data and reduces external interference, is currently in development.

On the other hand, such rapid progress comes with some (3) \_\_\_\_\_. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) \_\_\_\_\_ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) \_\_\_\_\_ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

**SubQuestion No : 21**

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

- Ans  1. rotates  
 2. revolves  
 3. squares  
 4. circles

Question ID : 264330139400

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 modern world (1) \_\_\_\_\_ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets, travel and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) \_\_\_\_\_ data and reduces external interference, is currently in development.

On the other hand, such rapid progress comes with some (3) \_\_\_\_\_. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) \_\_\_\_\_ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) \_\_\_\_\_ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

**SubQuestion No : 22**

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

**Ans**  1. lay

2. disturb

3. transmit

4. communicate

Question ID : 264330139401

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 modern world (1) \_\_\_\_\_ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets, travel and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) \_\_\_\_\_ data and reduces external interference, is currently in development.

On the other hand, such rapid progress comes with some (3) \_\_\_\_\_. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) \_\_\_\_\_ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) \_\_\_\_\_ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

**SubQuestion No : 23**

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

**Ans**  1. drawbacks

2. snag  
 3. hitch  
 4. liabilities

Question ID : 264330139402

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 modern world (1) \_\_\_\_\_ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets, travel and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) \_\_\_\_\_ data and reduces external interference, is currently in development.

On the other hand, such rapid progress comes with some (3) \_\_\_\_\_. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) \_\_\_\_\_ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) \_\_\_\_\_ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

**SubQuestion No : 24**

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

**Ans**  1. secret

2. confidential

3. regular

4. common

Question ID : 264330139403

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 modern world (1) \_\_\_\_\_ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets, travel and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) \_\_\_\_\_ data and reduces external interference, is currently in development.

On the other hand, such rapid progress comes with some (3) \_\_\_\_\_. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) \_\_\_\_\_ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) \_\_\_\_\_ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

**SubQuestion No : 25**

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

- Ans  1. balances  
 2. shadows  
 3. outweigh  
 4. insides

Question ID : 264330139404

Status : Answered

Chosen Option : 1

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	iON Digital Zone iDZ Laxman Nagar
Exam Date	25/07/2023
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

- Q.1** Which of the following interchanges of signs would make the given equation correct?  
 $162 \div 3 + 5 \times 6 - 2 = 274$

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

Question ID : 264330114245

Status : Answered

Chosen Option : 4

- Q.2** Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



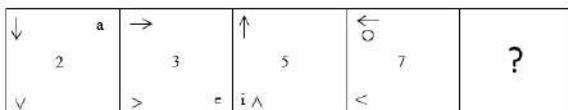
- Ans  1. **ОУзеня**  
 2. **ОУзеня**  
 3. **ОУзеня**  
 4. **ОУзеня**

Question ID : 264330103142

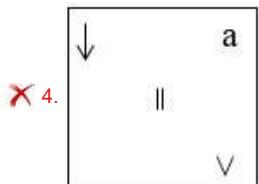
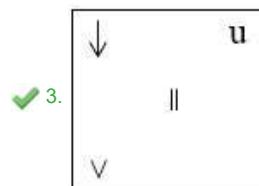
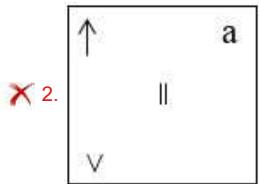
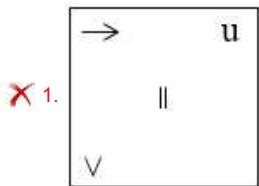
Status : Answered

Chosen Option : 3

Q.3 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 26433085383

Status : Answered

Chosen Option : 3

Q.4 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.)  
 (12, 5, 29)  
 (19, 12, 50)

Ans X 1. (8, 15, 21)

X 2. (16, 12, 34)

✓ 3. (15, 14, 44)

X 4. (17, 11, 55)

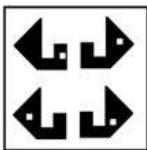
Question ID : 26433057090

Status : Not Attempted and  
Marked For Review

Chosen Option : --

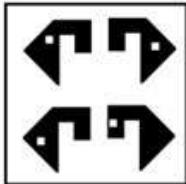
- Q.5 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

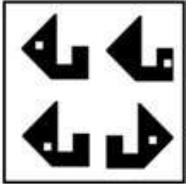


Ans

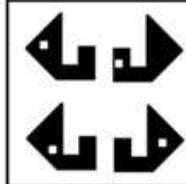
X 1.



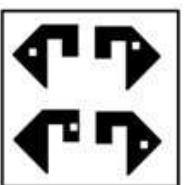
X 2.



✓ 3.



X 4.



Question ID : 26433067412

Status : Answered

Chosen Option : 3

- Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.  
 $16 : 144 :: 22 : ? :: 14 : 112$

Ans X 1. 244

X 2. 246

✓ 3. 264

X 4. 266

Question ID : 26433078946

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. Canvas
2. Candidly
3. Canteen
4. Canopy
5. Cannibal
6. Cancer

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

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

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

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

Question ID : 264330132172

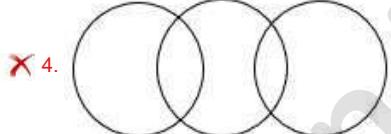
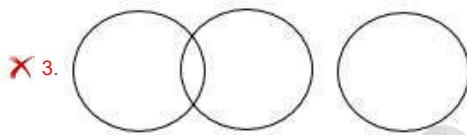
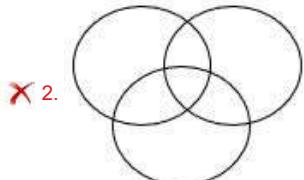
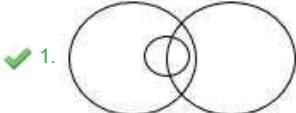
Status : Answered

Chosen Option : 2

Q.8 Select the Venn diagram that best represents the relationship between the following classes.

Insects, Animals, Poisonous

Ans



Question ID : 26433085685

Status : Answered

Chosen Option : 4

Q.9 Sonal's brother's paternal grandmother, named Seeta, is coming to Sonal's party with her only son. How is Seeta's son related to Sonal?

Ans  1. Father

2. Paternal grandfather

3. Son

4. Brother

Question ID : 264330118665

Status : Answered

Chosen Option : 1

Q.10 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.  
ST\_FIR\_STNF\_RGSTN\_IRG\_\_NFI\_G

- Ans  1. NGSFITR  
 2. NGFISRT  
 3. NGIFSTR  
 4. NGISFRT

Question ID : 264330131039

Status : Answered

Chosen Option : 3

Q.11 In a certain code language, 'STRAIGHT' is written as 'UVTCUIHJ', 'SURVIVAL' is written as 'UWTXMBWJ'. How will 'TAKEOVER' be written in that language?

- Ans  1. VCMGSHXP  
 2. VCMHSGWP  
 3. VCMGSFWP  
 4. VCMGTFVP

Question ID : 26433091591

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.12 In a certain code language, 'WINTER' is coded as XJXQKX and 'AUTUMN' is coded as TRYWWB. How will 'SEASON' be coded in the same language?

- Ans  1. RTXCTT  
 2. TRXCGT  
 3. TGDWTT  
 4. TTWDGT

Question ID : 264330132218

Status : Answered

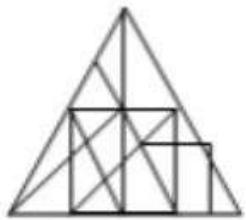
Chosen Option : 4

Q.13 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



Ans

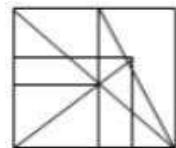
✓ 1.



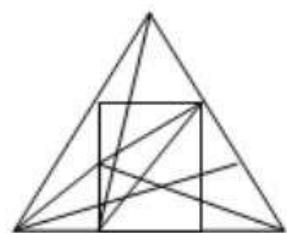
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433068896

Status : Answered

Chosen Option : 1

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.

GIST: FEHGRQSR :: DUCK: CBT SBAJI :: LOPE: ?

Ans

✓ 1. KJNMOND C

✗ 2. KOND CJNM

✗ 3. KMONDCJN

✗ 4. KMONDCNM

Question ID : 26433056282

Status : Answered

Chosen Option : 1

- Q.15 Select the correct combination of mathematical signs to sequentially fill in the boxes and to balance the given equation.

12  8  3  2  5  1  5  10

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

Question ID : 264330104006

Status : Answered

Chosen Option : 4

- Q.16 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.  $24 : 25 : 5$   
 2.  $35 : 36 : 6$   
 3.  $8 : 15 : 3$   
 4.  $3 : 10 : 2$

Question ID : 264330143696

Status : Not Attempted and  
Marked For Review

Chosen Option : --

- 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. EHV  
 2. BEY  
 3. JMP  
 4. GJT

Question ID : 26433092558

Status : Answered

Chosen Option : 3

- Q.18 Which of the following numbers will replace the question mark (?) in the given series?  
 $32, ? , 44, 56, 72, 92$

- Ans  1. 34  
 2. 36  
 3. 38  
 4. 40

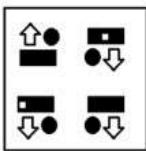
Question ID : 26433090924

Status : Answered

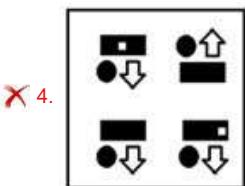
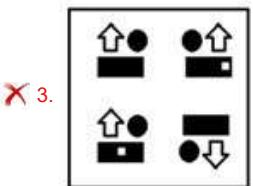
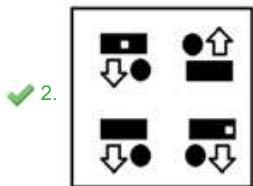
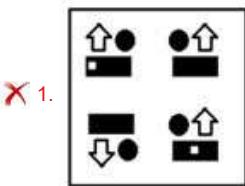
Chosen Option : 2

- Q.19** 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



Question ID : 26433067419

Status : Answered

Chosen Option : 2

- Q.20** 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)

(10, 5, 52)  
(35, 7, 250)

- Ans ✓ 1. (8, 4, 34)  
**X** 2. (14, 8, 90)  
**X** 3. (8, 9, 10)  
**X** 4. (20, 5, 300)

Question ID : 26433089591

Status : Answered

Chosen Option : 1

Q.21 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)

- (4, 14, 56)  
(6, 15, 90)

Ans  1. (8, 13, 106)

2. (9, 15, 125)

3. (7, 17, 118)

4. (7, 16, 112)

Question ID : 26433070229

Status : Answered

Chosen Option : 4

Q.22 Which of the following terms will replace the question mark (?) in the given series?

AXY, EZW, ICU, OHS, ?

Ans  1. UOQ

2. UPQ

3. UNQ

4. VOQ

Question ID : 26433086944

Status : Answered

Chosen Option : 1

Q.23 In a certain code language, if 'PDFJARS' is written as 'OCELZQR' and 'MHCXBTU' is written as 'LGBZAST', how will 'ZVDGENQ' be written in the same code language?

Ans  1. XUYCIMP

2. YUCIDMP

3. XUCDEM~~Q~~

4. XVDEDNO

Question ID : 264330126657

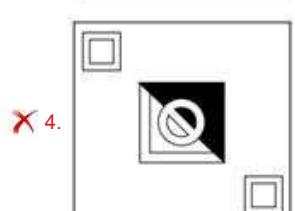
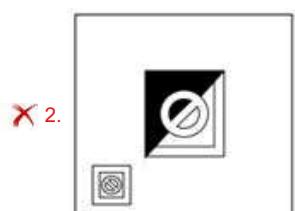
Status : Answered

Chosen Option : 2

Q.24 Select the figure that will come in place of the question mark (?) in the following figure series.



Ans



Question ID : 26433076562

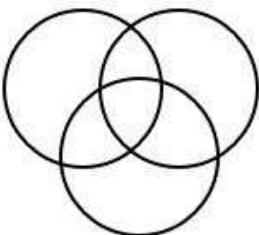
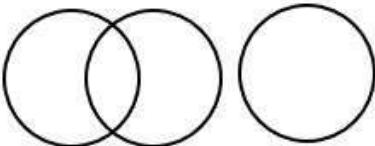
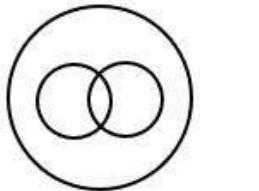
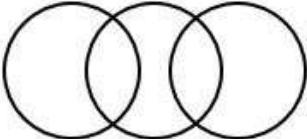
Status : Answered

Chosen Option : 3

Q.25 Select the Venn diagram that best illustrates the relationship between the following classes.

Women, Sister, Wife

Ans

-   
X 1.
-   
X 2.
-   
✓ 3.
-   
X 4.

Question ID : 26433090918

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 Bramho Samaj was founded by whom?

- Ans ✓ 1. Raja Ram Mohan Roy  
X 2. Keshab Chandra Sen  
X 3. Debendranath Tagore  
X 4. Dayanand Saraswati

Question ID : 264330109058

Status : Answered

Chosen Option : 1

Q.2 Who among the following, along with her close associates, started the secret congress radio during the Quit India Movement?

- Ans X 1. Bhikaji Cama  
X 2. Lakshmi Sehgal  
X 3. Sarojini Naidu  
✓ 4. Usha Mehta

Question ID : 264330130566

Status : Answered

Chosen Option : 3

Q.3 Which Kushana ruler was famous in history as a great patron of Buddhism and organised the fourth Buddhist Council?

- Ans  1. Vasudeva I  
 2. Vima Kadphises  
 3. Kanishka  
 4. Huvishka

Question ID : 264330114068

Status : Not Answered

Chosen Option : --

Q.4 Akham Lakshmi Devi, a recipient of the Sangeet Natak Akademi award, is renowned for which of the following dances?

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

Question ID : 26433055416

Status : Not Answered

Chosen Option : --

Q.5 Why can you not see objects in a dim lit room when you come from a brightly lit room?

- Ans  1. The iris dilates the eye lens to allow less light to enter the eye.  
 2. The iris contracts the pupil to allow less light to enter the eye.  
 3. The vitreous humour dilates the pupil to allow less light to enter the eye.  
 4. The cornea contracts the pupil to allow less light to enter the eye.

Question ID : 264330138721

Status : Answered

Chosen Option : 2

Q.6 Guru Bipin Singh is associated with which of these dance forms?

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

Question ID : 264330109292

Status : Answered

Chosen Option : 1

Q.7 Which of the following is the correct duration of 'Financial Year 2022-23' in India?

- Ans  1. 1 January 2022 to 1 January 2023  
 2. 30 April 2022 to 1 March 2023  
 3. 30 April 2022 to 31 March 2023  
 4. 1 April 2022 to 31 March 2023

Question ID : 264330109575

Status : Answered

Chosen Option : 4

Q.8 Which of the following pairs of countries are going to host 2022 FIVA Volleyball Women's World Championship?

- Ans  1. Poland and Slovenia  
 2. Poland and Netherlands  
 3. Belarus and Slovenia  
 4. Lithuania and Poland

Question ID : 264330106647

Status : Not Answered

Chosen Option : --

Q.9 पारंपरिक भारतीय ऋतुओं के अनुसार, निम्नलिखित में से कौन-सी ऋतु नवम्बर-दिसम्बर के महीनों में आती है?

- Ans  1. शरद  
 2. शिशir  
 3. हेमंत  
 4. वसंत

Question ID : 264330113280

Status : Answered

Chosen Option : 2

Q.10 According to World Bank, what was the density of the population of Sri Lanka in 2020?

- Ans  1. 554 Persons per sq. km.  
 2. 300 Persons per sq. km.  
 3. 354 Persons per sq. km.  
 4. 364 Persons per sq. km.

Question ID : 26433079547

Status : Not Answered

Chosen Option : --

Q.11 Which of the following is found in plant cells only?

- Ans  1. Cell membrane  
 2. Cell wall  
 3. Nucleolus  
 4. Mitochondria

Question ID : 26433066489

Status : Answered

Chosen Option : 4

Q.12 Which Mughal ruler contributed to the revolt of 1857?

- Ans  1. Shahalam II  
 2. Bahadur shah I  
 3. Alamgir II  
 4. Bahadur shah II

Question ID : 264330114039

Status : Answered

Chosen Option : 4

Q.13 Which of the following states presented the 'Child Budget' for the first time in March 2022 as a part of their annual financial plan?

Ans  1. Andhra Pradesh

2. Madhya Pradesh

3. Uttar Pradesh

4. Arunachal Pradesh

Question ID : 26433090638

Status : Not Answered

Chosen Option : --

Q.14 Which of the following perennial rivers is 720 km long and originates in the Himalayas in flow through chamba of Himachal Pradesh?

Ans  1. Saryu river

2. Yamuna river

3. Ravi river

4. Krishna river

Question ID : 26433055166

Status : Answered

Chosen Option : 3

Q.15 The Rourkela steel plant was set up in collaboration with Germany in which state of India?

Ans  1. Jharkhand

2. Bihar

3. Assam

4. Odisha

Question ID : 264330116457

Status : Answered

Chosen Option : 4

Q.16 The Governor of an Indian state before entering upon his office takes an oath or affirmation before \_\_\_\_\_.

Ans  1. the Chief Justice of the High Court exercising jurisdiction in relation to the State

2. the President of India

3. the Chief Minister of the concerned state

4. the Prime Minister of India

Question ID : 264330133083

Status : Answered

Chosen Option : 1

Q.17 In 2022, the Government of India urged people to hoist or display the Tricolour in their homes from August \_\_\_\_\_ to 15th to celebrate Independence Day.

Ans  1. 12<sup>th</sup>

2. 10<sup>th</sup>

3. 13<sup>th</sup>

4. 11<sup>th</sup>

Question ID : 264330113177

Status : Answered

Chosen Option : 3

Q.18 Which of the following combinations of “animal” and “area they found” is INCORRECT?

- Ans  1. Kangaroo – Australia  
 2. Orangutan – Caribbean islands  
 3. Ostrich – Savanna and desert regions,  
 4. Lemurs – Madagascar

Question ID : 264330110029

Status : Not Answered

Chosen Option : --

Q.19 Who among the following is an exponent of the classical instrument, Santoor?

- Ans  1. Pandit Kumar Gandharva  
 2. Pandit Bhimsen Joshi  
 3. Pandit Ravi Shankar  
 4. Pandit Shivkumar Sharma

Question ID : 26433092375

Status : Answered

Chosen Option : 4

Q.20 The given equation provides the property of the motion of an object, traversing a circular path. What is ‘v’ in this equation?  
 $ac = v^2/R$

- Ans  1. Distance  
 2. Surface area  
 3. Speed  
 4. Intensity

Question ID : 264330110042

Status : Answered

Chosen Option : 3

Q.21 In hockey, \_\_\_\_\_ is awarded if the ball goes over the back line after last being touched by a defender.

- Ans  1. long corner  
 2. off side  
 3. free hit  
 4. penalty corner

Question ID : 264330120059

Status : Answered

Chosen Option : 4

Q.22 The Social Justice and Empowerment Ministry of India, which caters to the welfare of the backward classes and those with disabilities, saw \_\_\_\_\_ increase in the allocation in the Union Budget 2022-23.

- Ans  1. 12%  
 2. 15%  
 3. 5%  
 4. 10%

Question ID : 26433081870

Status : Not Answered

Chosen Option : --

Q.23 The term of trade refers to \_\_\_\_\_.

- Ans  1. the excess of import expenditures over export earnings  
 2. the trade agreements  
 3. the terms and conditions on which a country is offered loan  
 4. the ratio between export prices and import prices

Question ID : 264330109994

Status : Not Answered

Chosen Option : --

Q.24 \_\_\_\_\_ of the Constitution of India says that the State shall take steps to organise panchayats and endow them with such powers and authority as may be necessary to enable them to function as units of self-government.

- Ans  1. Article 35  
 2. Article 40  
 3. Article 38  
 4. Article 32

Question ID : 264330110798

Status : Answered

Chosen Option : 2

Q.25 Which of the following is a Disability Screening Mobile App developed by NCERT launched in Delhi schools to screen students with suspected disabilities?

- Ans  1. SAMAGRA  
 2. VIDYAN  
 3. PRASHAST  
 4. SAMAGAM

Question ID : 264330137285

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 The length of the longest diagonal of a cube is  $7\sqrt{3}$  cm. Find its volume (in  $cm^3$ ).

- Ans  1.  $343\sqrt{3}$   
 2.  $49\sqrt{3}$   
 3. 334  
 4. 343

Question ID : 264330103998

Status : Answered

Chosen Option : 4

**Q.2** The mean proportional of  $(a+b)(a-b)^3, (a+b)^3(a-b)$  is:

- Ans  1.  $(a+b)^2(a-b)^2$   
 2.  $(a+b)^2(a-b)$   
 3.  $(a+b)(a-b)^2$   
 4.  $a^2-b^2$

Question ID : 264330103725

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.3** A group of college students had decided to complete a project in 10 days. As 2 students dropped out every day, the project got completed at the end of the 15th day. The number of students at the beginning of the project was:

- Ans  1. 42  
 2. 40  
 3. 35  
 4. 45

Question ID : 264330143487

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.4** 4 men, working together, can finish a work in 18 days. How many more men are required to finish the same work in 12 days?

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

Question ID : 264330131471

Status : Answered

Chosen Option : 3

**Q.5** If  $\cos(40^\circ + x) = \sin 30^\circ$ , then the value of  $x$  is:

- Ans  1.  $22^\circ$   
 2.  $20^\circ$   
 3.  $19^\circ$   
 4.  $23^\circ$

Question ID : 26433075284

Status : Answered

Chosen Option : 2

**Q.6** Having started from the same point and at the same time, two runners – P and Q – are running around a circular track of length 500 m in opposite directions with the speeds of 6 m/s and 10 m/s, respectively. If they exchange their speeds after meeting for the first time, who will reach the starting point first?

- Ans  1. Q  
 2. P  
 3. Both P and Q will reach at the same time  
 4. No one of the P and Q

Question ID : 26433099013

Status : Answered

Chosen Option : 2

**Q.7** A cuboid with sides 4, 6 and 8 units is covered with paper. The paper is removed and a square is made from it. What is the side (in units) of the square?

- Ans
- 1. 12.24
  - 2. 16.62
  - 3. 14.42
  - 4. 12.62

Question ID : 26433081749

Status : Marked For Review

Chosen Option : 3

**Q.8** S deposits a total of ₹50,000 in two accounts which give 8% and 12% simple interest annually, respectively. After one year, he gets a total ₹5,200. How much money does he deposit in the account with a 12% interest rate?

- Ans
- 1. ₹30,000
  - 2. ₹32,000
  - 3. ₹20,000
  - 4. ₹25,000

Question ID : 264330112101

Status : Answered

Chosen Option : 1

**Q.9** Study the given table and answer the question that follows.

The table represents the expenditure of a company (in thousand rupees) per annum over the given year.

Year	Expenditure			
	Salary	Transport	Interest	Tax
2018	200	90	3	80
2019	250	100	2.5	100
2020	300	120	3	70
2021	350	130	3.5	80

What is the average amount of salary per year, which the company has to pay during these four years?

- Ans
- 1. ₹2,80,000
  - 2. ₹3,00,000
  - 3. ₹2,00,000
  - 4. ₹2,75,000

Question ID : 264330126205

Status : Answered

Chosen Option : 4

**Q.10** Tarun owned a plot of land having an area that was 10% more than the area of the plot owned by Basab, while the area of the plot of land owned by Nakul was 40% more than the area of the plot owned by Tarun. If the area of the plot owned by Nakul was 2695 square feet, what was the area (in square feet) of the plot owned by Basab?

- Ans
- 1. 1750
  - 2. 1740
  - 3. 1780
  - 4. 1800

Question ID : 264330103248

Status : Answered

Chosen Option : 1

Q.11 Simplify the expression  $\frac{s^2 + t^2 + 2st - u^2}{s^2 - t^2 - 2tu - u^2}$ , provided  $(s + t + u) \neq 0$ .

Ans

- 1.  $\frac{s+t-u}{s-t-u}$
- 2.  $\frac{s+t+u}{s-t+u}$
- 3.  $\frac{s-t-u}{s+t-u}$
- 4.  $\frac{s-t+u}{s+t+u}$

Question ID : 264330124000

Status : Answered

Chosen Option : 1

Q.12 Find  $(1 / \sin\theta) - \sin\theta$ .

Ans

- 1.  $\cos\theta \cot\theta$
- 2.  $\cos\theta \sec\theta$
- 3.  $\cos\theta \cosec\theta$
- 4.  $\cos\theta \tan\theta$

Question ID : 264330129969

Status : Answered

Chosen Option : 1

Q.13 A shopkeeper purchased 1600 mangoes at the rate of ₹120 per dozen. Out of these, he sold 900 mangoes at ₹15 per mango and the remaining mangoes at ₹14 per mango. His gain percentage is:

Ans

- 1. 45.625%
- 2. 38.265%
- 3. 35.625%
- 4. 48.765%

Question ID : 26433082375

Status : Answered

Chosen Option : 1

Q.14 A thief steals an item and escapes, running at a speed of 15 km/h. A policeman arrives at the spot of the crime after 4 minutes and immediately starts chasing the thief. 16 minutes after the policeman started to chase the thief; there is still a gap of 200 m between the two. At what distance from the spot of the crime will the policeman catch up the thief and what is the speed (in km/h) of the policeman?

Ans

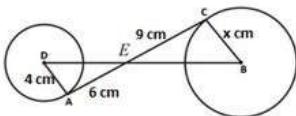
- 1. 5.5 km; 16.5
- 2. 6 km; 18
- 3. 6.5 km; 19.5
- 4. 5 km; 15

Question ID : 264330143473

Status : Not Attempted and  
Marked For Review

Chosen Option : --

- Q.15** In the following figure, the circles with centres B and D have radii 4 cm and x cm, respectively. AC is a tangent to both the circles. Find the value of x.



Ans  1. 6

2. 3

3. 7

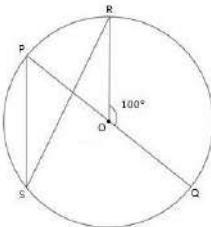
4. 5

Question ID : 26433083007

Status : Answered

Chosen Option : 1

- Q.16** In the figure given below, PQ is the diameter of the circle with centre O. If  $\angle QOR = 100^\circ$  then the measure of  $\angle PSR$  is:



Ans  1.  $160^\circ$

2.  $80^\circ$

3.  $40^\circ$

4.  $100^\circ$

Question ID : 26433072979

Status : Marked For Review

Chosen Option : 3

- Q.17** If  $(a + b - c) = 20$ , and  $a^2 + b^2 + c^2 = 152$ , find the value of  $a^3 + b^3 - c^3 + 3abc$ .

Ans  1. 480

2. 720

3. 640

4. 560

Question ID : 264330101354

Status : Answered

Chosen Option : 4

- Q.18** A 40-litre mixture contains 25% alcohol and 75% water. If 10 litres of water are added to the mixture, the percentage of alcohol in the new mixture is:

Ans  1. 27%

2. 18%

3. 20%

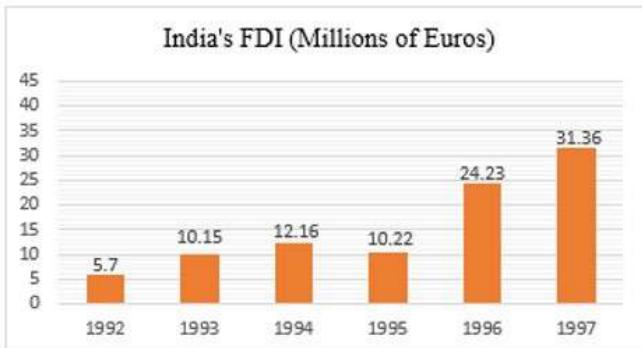
4. 25%

Question ID : 264330103514

Status : Answered

Chosen Option : 3

- Q.19** The following bar chart shows the vends of foreign direct investment (FDI) into India from all over the world.



What was the average of India's FDI over the years 1992 - 1997?

- Ans**
- 1. 15.2
  - 2. 15.7
  - 3. 15.6
  - 4. 15.5

Question ID : 26433096372

Status : Answered

Chosen Option : 3

- Q.20** The marked price of a microwave oven is ₹15,990 and it is sold for ₹12,792. What is the rate of discount offered?

- Ans**
- 1. 25%
  - 2. 20%
  - 3. 21%
  - 4. 24%

Question ID : 264330103958

Status : Answered

Chosen Option : 2

- Q.21**  $-7p - [3q - \{8p - (4q - 10p)\}] = ?$

- Ans**
- 1.  $7p - 11q$
  - 2.  $11p - 7q$
  - 3.  $9p - 12q$
  - 4.  $12p - 9q$

Question ID : 264330143476

Status : Answered

Chosen Option : 2

- Q.22** 20 women and 15 men together can complete a work in 6 days. It takes 150 days for a single woman to complete the work. In how many days can a single man complete the work?

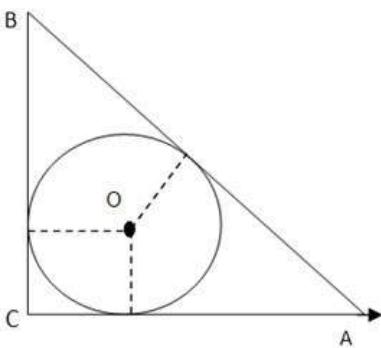
- Ans**
- 1. 450
  - 2. 225
  - 3. 350
  - 4. 210

Question ID : 264330112235

Status : Not Attempted and  
Marked For Review

Chosen Option : --

- Q.23** A circle of radius 4 cm is drawn inscribed in a right angle triangle ABC, right angled at C. If AC = 12 cm, then the value of CB is:



- Ans**
- 1. 8 cm
  - 2. 12 cm
  - 3. 20 cm
  - 4. 16 cm

Question ID : 264330143605

Status : Answered

Chosen Option : 4

- Q.24** Which of the following numbers is divisible by 44?

- Ans**
- 1. 32802
  - 2. 54736
  - 3. 93472
  - 4. 27048

Question ID : 264330131116

Status : Answered

Chosen Option : 2

- Q.25** Simplify the expression  $\frac{\sqrt{x} - \sqrt{y}}{\sqrt{x} + \sqrt{y}}$ , where  $x = 2$  and  $y = 3$ .

- Ans**
- 1.  $2\sqrt{6} - 6$
  - 2.  $\sqrt{6} - 5$
  - 3.  $5 - 2\sqrt{6}$
  - 4.  $2\sqrt{6} - 5$

Question ID : 264330122109

Status : Answered

Chosen Option : 4

Section : English Comprehension

**Q.1 Select the most appropriate meaning of the given idiom.**

You snooze, you lose

- Ans  1. If you oversleep, you are likely to lose a job  
 2. Laziness is not good  
 3. You may lose your money if snoozing is not stopped  
 4. If you are not alert, you are likely to miss opportunities.

Question ID : 264330101302

Status : Answered

Chosen Option : 4

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

Stories of dolphins' saving human lives \_\_\_\_\_ throughout history.

- Ans  1. have been said  
 2. told  
 3. have been told  
 4. had been said

Question ID : 26433072723

Status : Answered

Chosen Option : 3

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

Extinct

- Ans  1. Vibrant  
 2. Vanished  
 3. Active  
 4. Living

Question ID : 26433086428

Status : Answered

Chosen Option : 2

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

Glorify

- Ans  1. Simplify  
 2. Stupefy  
 3. Praise  
 4. Strengthen

Question ID : 26433089343

Status : Answered

Chosen Option : 3

**Q.5 Select the grammatically correct sentence.**

- Ans  1. It was a hectic day for Susan with a lot of purchases and a couple of meetings.  
 2. It was a hectic day for Susan with the lot of purchase and a couple of meetings.  
 3. It was a hectic day for Susan with the lot of purchase and an couple of meetings.  
 4. It was the hectic day for Susan with a lot of purchase and the couple of meetings.

Question ID : 26433089307

Status : Answered

Chosen Option : 2

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

Each member of the literary club submitted various literary works for the magazine.

- Ans  1. Various literary works had been submitted by each member of the literary club for the magazine.  
 2. Various literary works are submitted by each member of the literary club for the magazine.  
 3. Various literary works were submitted by each member of the literary club for the magazine.  
 4. Various literary works were being submitted by each member of the literary club for the magazine.

Question ID : 264330141536

Status : Answered

Chosen Option : 3

**Q.7 Select the most appropriate option to fill in the blank.**

\_\_\_\_\_ are words which have the same spelling or pronunciation but not the same meaning.

- Ans  1. Acronyms  
 2. Homonyms  
 3. Synonyms  
 4. Antonyms

Question ID : 26433073405

Status : Marked For Review

Chosen Option : 1

**Q.8 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 the development of technologies, telecommunications, transportation, and other areas, globalisation has developed very quickly in the last few decades, resulting in economic, social, political, and cultural integration on a global scale.  
B. Although technology has had both positive and harmful effects on human life, its negative repercussions must be addressed appropriately.  
C. Globalisation has made significant positive contributions to economies all across the world.  
D. For example — Science and technology have made remarkable strides, providing businesses with a fantastic opportunity to expand quickly even outside of national borders.

- Ans  1. ACDB  
 2. BCDA  
 3. ACBD  
 4. CDBA

Question ID : 264330117140

Status : Answered

Chosen Option : 1

**Q.9 Select the most appropriate ANTONYM of the given word.**

Absurd

- Ans  1. Sensible  
 2. Tolerable  
 3. Adorable  
 4. Lovable

Question ID : 26433058314

Status : Answered

Chosen Option : 2

- Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
- A. Ashwagandha is an adaptogenic herb that has multiple benefits like improving thyroid functioning and reducing blood sugar levels.  
B. But remember to consult a specialist while deciding the dosage and duration of continued intake.  
C. It relaxes the nervous system and lowers cortisol (stress hormone) levels in the blood, thus making you feel calm and relaxed overall.  
D. You can consume Ashwagandha powder or Ashwagandha capsules.

Ans  1. ADBC  
 2. DABC  
 3. ACDB  
 4. ADCB

Question ID : 264330143879

Status : Answered

Chosen Option : 4

- Q.11 Select the most appropriate ANTONYM of the underlined word.  
Her parents forbade her to marry her lover.

Ans  1. prevented  
 2. refused  
 3. declined  
 4. allowed

Question ID : 264330122969

Status : Answered

Chosen Option : 4

- Q.12 Select the option that can be used as a one-word substitute for the given group of words.

Too strong to be defeated or changed

Ans  1. Invincible  
 2. Headstrong  
 3. Vigorous  
 4. Sovereign

Question ID : 26433088191

Status : Answered

Chosen Option : 1

- Q.13 Select the option that expresses the given sentence in passive voice.  
You have adopted the plan.

Ans  1. The plan should be adopted by you.  
 2. The plan is adopted by you.  
 3. The plan has being adopted by you.  
 4. The plan has been adopted by you.

Question ID : 264330141131

Status : Answered

Chosen Option : 4

Q.14 Select the INCORRECTLY spelt word.

- Ans  1. Anxiety  
 2. Preparation  
 3. Voluntary  
 4. Stetionery

Question ID : 26433098998

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate meaning of the given idiom.

Out of the blue

- Ans  1. Undoubtedly  
 2. Unexpectedly  
 3. Unbelievably  
 4. Unconcerned

Question ID : 26433089006

Status : Answered

Chosen Option : 2

Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The doctor came / after the patient / had / pass away.

- Ans  1. The doctor came  
 2. pass away  
 3. after the patient  
 4. had

Question ID : 26433086454

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate option to fill in the blank.

We \_\_\_\_\_ off old clothes and bought new ones for Diwali.

- Ans  1. cost  
 2. coast  
 3. caste  
 4. cast

Question ID : 264330117191

Status : Answered

Chosen Option : 4

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Louis was enthralled by the concept of a raised dots system.
- B. He made up his mind to use the technique to represent an alphabetic code.
- C. Blind persons could read large-letter books that are bulky with the aid of this alphabet code.
- D. Additionally, he developed the six-dot cell technology, which was at his fingertips.

Ans  1. DCAB

2. BCDA

3. ABCD

4. CDBA

Question ID : 26433098143

Status : Answered

Chosen Option : 3

Q.19 Select the INCORRECTLY spelt word.

Ans  1. Felicitate

2. Cotarminous

3. Ambient

4. Announce

Question ID : 26433091744

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.20 Select the most appropriate synonym of the underlined word.

The boxer showed audacity by agreeing to fight the champion.

Ans  1. Honesty

2. Desperation

3. Courage

4. Reparation

Question ID : 26433091818

Status : Marked For Review

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 massive ransomware attack that has crippled e-hospital services of AIIMS, Delhi, highlights the (1) \_\_\_\_\_ vulnerability of the country's healthcare infrastructure, and possibly other critical IT systems, to cybercriminals. The premier public healthcare institute (2) \_\_\_\_\_ to around 15 lakh outpatients and 80,000 inpatients every year. Consequently, there are fears that the attackers could sell the now force-encrypted AIIMS databases that contain (3) \_\_\_\_\_ information of patients-including political leaders, senior administrators, and judges, and their healthcare records on the Dark Web. Of course, what has happened to AIIMS is hardly a local phenomenon. A (4) \_\_\_\_\_ increase in cyberattacks on healthcare institutes worldwide (5) \_\_\_\_\_ during the Covid pandemic. The Indian healthcare sector was the second-most targeted globally. It is clear that Indian hospitals are vulnerable to cybersecurity. Government and hospitals need to use best practices to ward off future crises.

**SubQuestion No : 21**

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

- Ans  1. increasing  
 2. strengthening  
 3. shining  
 4. developing

Question ID : 264330132837

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 massive ransomware attack that has crippled e-hospital services of AIIMS, Delhi, highlights the (1) \_\_\_\_\_ vulnerability of the country's healthcare infrastructure, and possibly other critical IT systems, to cybercriminals. The premier public healthcare institute (2) \_\_\_\_\_ to around 15 lakh outpatients and 80,000 inpatients every year. Consequently, there are fears that the attackers could sell the now force-encrypted AIIMS databases that contain (3) \_\_\_\_\_ information of patients-including political leaders, senior administrators, and judges, and their healthcare records on the Dark Web. Of course, what has happened to AIIMS is hardly a local phenomenon. A (4) \_\_\_\_\_ increase in cyberattacks on healthcare institutes worldwide (5) \_\_\_\_\_ during the Covid pandemic. The Indian healthcare sector was the second-most targeted globally. It is clear that Indian hospitals are vulnerable to cybersecurity. Government and hospitals need to use best practices to ward off future crises.

**SubQuestion No : 22**

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

- Ans  1. catered  
 2. catering  
 3. has catered  
 4. caters

Question ID : 264330132838

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The massive ransomware attack that has crippled e-hospital services of AIIMS, Delhi, highlights the (1) \_\_\_\_\_ vulnerability of the country's healthcare infrastructure, and possibly other critical IT systems, to cybercriminals. The premier public healthcare institute (2) \_\_\_\_\_ to around 15 lakh outpatients and 80,000 inpatients every year. Consequently, there are fears that the attackers could sell the now force-encrypted AIIMS databases that contain (3) \_\_\_\_\_ information of patients-including political leaders, senior administrators, and judges, and their healthcare records on the Dark Web. Of course, what has happened to AIIMS is hardly a local phenomenon. A (4) \_\_\_\_\_ increase in cyberattacks on healthcare institutes worldwide (5) \_\_\_\_\_ during the Covid pandemic. The Indian healthcare sector was the second-most targeted globally. It is clear that Indian hospitals are vulnerable to cybersecurity. Government and hospitals need to use best practices to ward off future crises.

**SubQuestion No : 23**

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

- Ans  1. political  
 2. public  
 3. personal  
 4. personnel

Question ID : 264330132839

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 massive ransomware attack that has crippled e-hospital services of AIIMS, Delhi, highlights the (1) \_\_\_\_\_ vulnerability of the country's healthcare infrastructure, and possibly other critical IT systems, to cybercriminals. The premier public healthcare institute (2) \_\_\_\_\_ to around 15 lakh outpatients and 80,000 inpatients every year. Consequently, there are fears that the attackers could sell the now force-encrypted AIIMS databases that contain (3) \_\_\_\_\_ information of patients-including political leaders, senior administrators, and judges, and their healthcare records on the Dark Web. Of course, what has happened to AIIMS is hardly a local phenomenon. A (4) \_\_\_\_\_ increase in cyberattacks on healthcare institutes worldwide (5) \_\_\_\_\_ during the Covid pandemic. The Indian healthcare sector was the second-most targeted globally. It is clear that Indian hospitals are vulnerable to cybersecurity. Government and hospitals need to use best practices to ward off future crises.

**SubQuestion No : 24**

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

- Ans  1. grand  
 2. weighty  
 3. massive  
 4. bulk

Question ID : 264330132840

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 massive ransomware attack that has crippled e-hospital services of AIIMS, Delhi, highlights the (1) \_\_\_\_\_ vulnerability of the country's healthcare infrastructure, and possibly other critical IT systems, to cybercriminals. The premier public healthcare institute (2) \_\_\_\_\_ to around 15 lakh outpatients and 80,000 inpatients every year. Consequently, there are fears that the attackers could sell the now force-encrypted AIIMS databases that contain (3) \_\_\_\_\_ information of patients-including political leaders, senior administrators, and judges, and their healthcare records on the Dark Web. Of course, what has happened to AIIMS is hardly a local phenomenon. A (4) \_\_\_\_\_ increase in cyberattacks on healthcare institutes worldwide (5) \_\_\_\_\_ during the Covid pandemic. The Indian healthcare sector was the second-most targeted globally. It is clear that Indian hospitals are vulnerable to cybersecurity. Government and hospitals need to use best practices to ward off future crises.

**SubQuestion No : 25**

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

Ans  1. has witnessed

2. is witnessed

3. was witness

4. has been witnessed

Question ID : 264330132841

Status : Answered

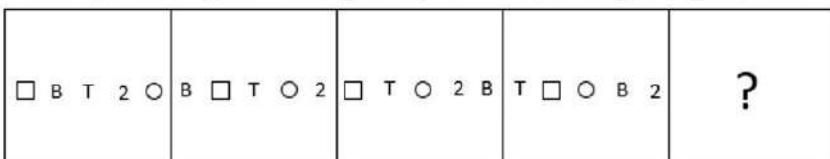
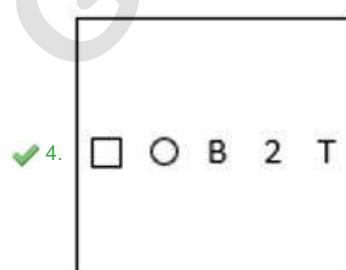
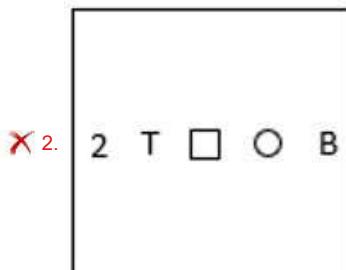
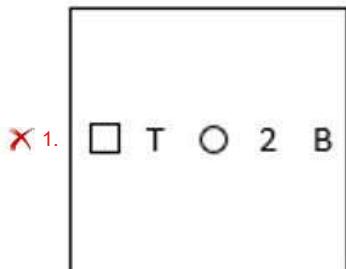
Chosen Option : 1

## Combined Graduate level Examination 2023 Tier I

Roll Number	Gagan Pratap Maths
Candidate Name	Gagan Pratap Maths
Venue Name	Digitrack IT Services
Exam Date	26/07/2023
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 figure from the options that can replace the question mark (?) and complete the given pattern.


**Ans**


Question ID : 26433085789

Status : Answered

Chosen Option : 4

Q.2 Which of the following numbers will replace the question mark (?) in the given series?  
8, 14, ?, 44, 68, 98, 134

Ans  1. 20

2. 28

3. 36

4. 26

Question ID : 26433090938

Status : Answered

Chosen Option : 4

Q.3 Which two signs should be interchanged to make the given equation correct?

$$13 \times 6 + 24 \div 6 - 17 = 91$$

Ans  1. ÷ and +

2. + and ×

3. ÷ and ×

4. + and –

Question ID : 264330129776

Status : Answered

Chosen Option : 4

Q.4 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$5 : 127 :: 9 : ? :: 7 : 247$$

Ans  1. 470

2. 417

3. 407

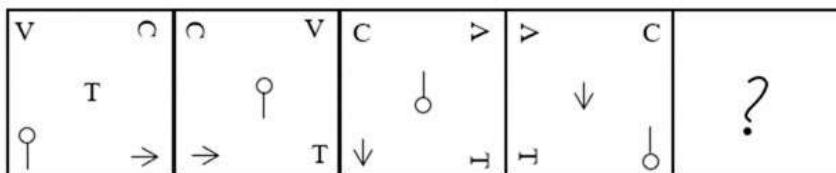
4. 471

Question ID : 26433078947

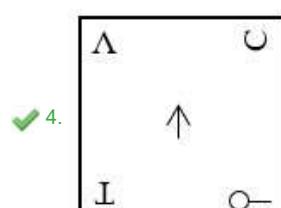
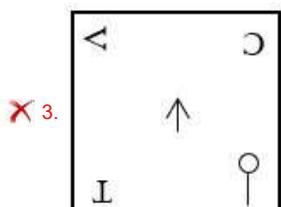
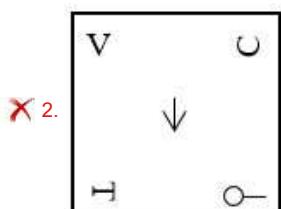
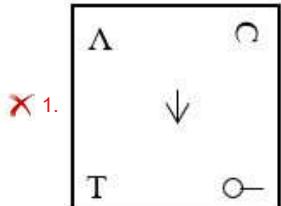
Status : Not Answered

Chosen Option : --

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



Ans



Question ID : 264330143832

Status : Answered

Chosen Option : 4

- Q.6** Which two numbers and two signs should be interchanged in the following equation to make it correct?

$$4 + 2 \div 7 + 8 \times 9 = 25$$

- Ans X 1. 4 and 9, + and ×  
X 2. 4 and 7, ÷ and ×  
✓ 3. 4 and 9, ÷ and ×  
X 4. 4 and 7, + and ×

Question ID : 26433097216

Status : Answered

Chosen Option : 3

Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?  
Z XV, TRP, NLJ, HFD, ?

- Ans  1. BZX  
 2. XZB  
 3. ZXH  
 4. BXZ

Question ID : 26433069533

Status : Answered

Chosen Option : 1

Q.8 In a certain code language, 'BIND' is coded as '9214' and 'DRIB' is coded as '4109'. What is the code for 'N' in the given code language?

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

Question ID : 264330126005

Status : Answered

Chosen Option : 2

Q.9 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.)

X-Ray : Radiologist :: Skin : ?

- Ans  1. Dermatologist  
 2. Radiologist  
 3. Physiotherapist  
 4. Ophthalmologist

Question ID : 26433087265

Status : Answered

Chosen Option : 1

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)  
(50, 60, 2000)  
(20, 30, 200)

- Ans  1. (31, 10, 48)  
 2. (21, 11, 11)  
 3. (80, 90, 6500)  
 4. (20, 10, 200)

Question ID : 26433089579

Status : Answered

Chosen Option : 4