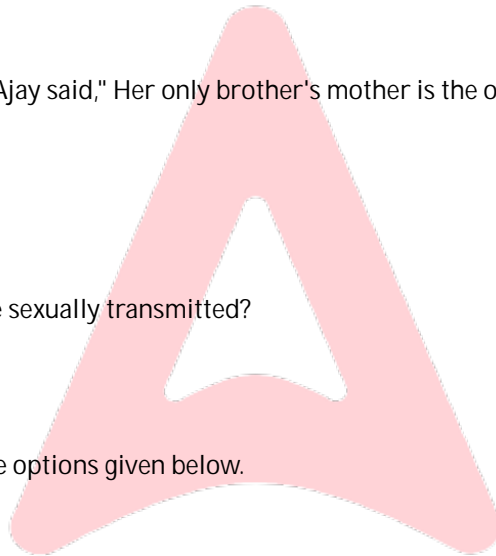


- Q1. In a certain code language, the word OCCUPANT, is written as QEEWRCPV, What would be the word for the code FYZGRYLR in the same language?
(a) HABITUAL
(b) HABITING
(c) HABITATS
(d) HABITANT
- Q2. How many numbers between -13 and 13 are multiples of 3 or 5?
(a) 11
(b) 13
(c) 15
(d) 14
- Q3. The area of the right-angled isosceles triangle having hypotenuse A cm is:
(a) $\frac{A^2}{2}$
(b) $\frac{A^2}{B}$
(c) $\frac{A^2}{4}$
(d) $\frac{A^2}{3}$
- Q4. Introducing a girl to his girlfriend, Ajay said, " Her only brother's mother is the only child of my grandmother." How is Ajay related to this girl?
(a) Brother
(b) Brother-in law
(c) Cousin
(d) Father
- Q5. Which of the following diseases are sexually transmitted?
(A) AIDS
(B) Hepatitis B
(C) Syphilis
(D) Psoriasis
Choose the correct answer from the options given below.
(a) (A), (B) and (C) only
(b) (A), (C) and (D) only
(c) (A), (B), (C) and (D)
(d) (B), (C) and (D) only
- Q6. Determine the unit's digit in the product of consecutive numbers from 86 to 94?
(a) 2
(b) 4
(c) 6
(d) 0
- Q7. Gautama Buddha delivered his first sermon at which of the following location?
(a) Lumbinivana
(b) Sarnath
(c) Bodh Gaya
(d) Kushinagar
- Q8. The sum of the perfect squares between 150 and 250 is:
(a) 580
(b) 600
(c) 570



(d) 590

- Q9. Amravati is proposed to be the Capital City of which of the following State?
 (a) Telangana
 (b) Andhra Pradesh
 (c) Chhattisgarh
 (d) Karnataka

- Q10. In the context of the Revolt of 1857, match List-I with List-II

List-I	List-II
Centre of Revolt	Leader of the Revolt
(A) Delhi	(I) Tantia Tope
(B) Jhansi	(II) Begum Hazrat Mahal
(C) Kanpur	(III) Bahadur Shah-II
(D) Lucknow	(IV) Rani Lakshmi Bai

Choose the correct answer from the options given below:

- (a) (A) – (I), (B) – (IV), (C) – (III), (D) – (II)
 (b) (A) – (I), (B) – (IV), (C) – (II), (D) – (III)
 (c) (A) – (III), (B) – (IV), (C) – (II), (D) – (I)
 (d) (A) – (III), (B) – (IV), (C) – (I), (D) – (II)
- Q11. If the ratio of the radii of the sphere and hemisphere is $\sqrt{3}:2$, then determine the ratio of their total surface area?
 (a) 1:2
 (b) 2:1
 (c) 1:3
 (d) 1:1
- Q12. Arrange the following recent International Events of 2024, in a sequence, starting with the earliest and ending with the last:
 (A) Donald Trump re-elected President of USA
 (B) Bangladesh Government overthrown by revolt
 (C) Beginning of Israel-Hamas war
 (D) Syrian Government overthrown by revolt
 Choose the correct answer from the options given below:
 (a) (C), (B), (D), (A)
 (b) (C), (B), (B), (A)
 (c) (B), (A), (C), (D)
 (d) (C), (B), (A), (D)
- Q13. Which of the following about Atoms is NOT correct?
 (a) Atom is very small, smaller than anything that we can imagine.
 (b) Atoms can not usually exist independently and retain all their chemical properties.
 (c) Atoms are capable of an independent existence under ordinary conditions.
 (d) The entire world is made of atoms.
- Q14. Rita purchased 9 pens and 7 pencils for ₹ 66. Megha also bought 5 pens and 11 pencils of the same kind for ₹ 58. What is the cost of 3 pencils?
 (a) ₹ 9
 (b) ₹ 15
 (c) ₹ 6
 (d) ₹ 12
- Q15. Who was the founder of the dynasty which Ashoka-The Great took forward?
 (a) Bindusara
 (b) Chandragupta Maurya
 (c) Samudragupta

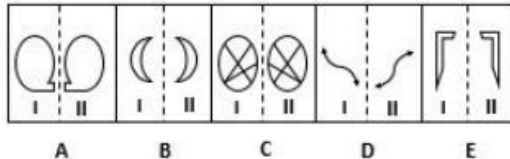
(d) Harshvardhana

Q16. The angle of elevation of the top of a tower from a certain point is 60° . If the observer moves 10 m away from the tower, the angle of elevation of the top of the tower decreases by 15° . The height of the tower is:

- (a) 27.3 m
- (b) 21.9 m
- (c) 23.65 m
- (d) 17.3 m

Q17. In four out of the given five pairs of figures below, which are named as A, B, C, D & E, The figure I and figure II are related in a particular way.

Spot out the pair in which this relationship doesn't exist between figure I and figure II?



- (a) B
- (b) C
- (c) E
- (d) D

Q18. INS VIKRANT is:

- (a) India's first domestically built aircraft carrier
- (b) An Indian Missile Weapon System
- (c) India's first domestically built aircraft
- (d) India's latest satellite developed by ISRO

Q19. Rahul did a course in Fashion Designing and went on to float his clothing line store three years ago. He had acquired expertise in wedding attires, hence his clothes predominantly dealt with wedding specific outfits. But to his surprise, the sales were not satisfactory. He hired a consultant, to do market research who reported him that local people do not visit his store on regular basis as wedding season does not last through out the year, however they loved his wedding collection. Which of the following should be the strategies of Rahul to increase his sales?

Strategy A. Exhibiting his dresses at a Wedding Expo.

Strategy B. Offering discounts on production of wedding cards.

Strategy C. Diversifying his clothing line to different occasions so as to be inclusive rather than exclusive.

Strategy D. Relocating his store.

Strategy E. Advertising extensively about Strategy C through various media.

- (a) Strategy B
- (b) Strategy D
- (c) Strategies C and E
- (d) Strategy A









Q20. If on dividing 26 into two parts, we find that three times the first and seven times the second part together equals to 122. Then, the ratio of first and second part shall be:

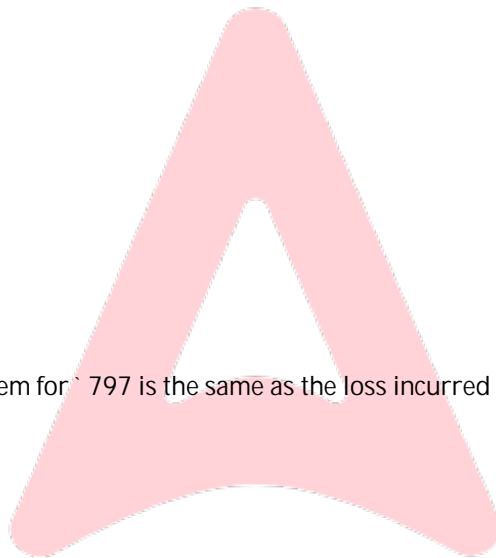
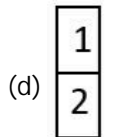
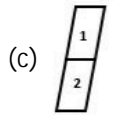
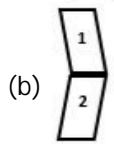
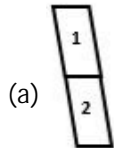
- (a) 15:11
- (b) 5:4
- (c) 2:3
- (d) 13:12

Q21. Which one among the following is NOT found in the Official Emblem of India?

- (a) Lion
- (b) Bull
- (c) Galloping Horse
- (d) Tiger

Q22. Find out which of the following answer figures, shall correctly come in place'?' in the given image:

		
		
		?



Q23. The profit earned after selling an item for ₹ 797 is the same as the loss incurred after selling the same item for ₹ 635. What is the cost price of the item?

- (a) ₹ 700
- (b) ₹ 716
- (c) ₹ 696
- (d) ₹ 690

Q24. Solve the given equation by replacing the question mark "?" with the most appropriate option:

$$16^2 + 8^2 - 16 \cdot 8 = ?$$

- (a) 320
- (b) 128
- (c) 192
- (d) 164

Q25. 30 boys are engaged to do a piece of work in 15 days but it is found that in 5 days, 3/5 work is completed. How many boys may be allowed to go off, so that the work may be finished on time?

- (a) 20
- (b) 22
- (c) 18
- (d) 15

Q26. Which of the following geographical entities would one find in the Continent of North America?

- (A) Rockies
- (B) Mt. Elbrus
- (C) Alaska Range

(D) Sierra Nevada

Choose the correct answer from the options given below:

- (a) (A), (B) and (D) only
- (b) (B), (C) and (D) only
- (c) (A), (B), (C) and (D)
- (d) (A), (C) and (D) only

Q27. In the Union Budget 2024-25, the Short Term Capital Gains Tax has been increased to how much?

- (a) 10%
- (b) 12.5%
- (c) 15%
- (d) 20%

Q28. A solid, metallic right circular cone of radius 7 cm and height 3 cm is melted into three cubes. If the sides of two cubes are 3 cm and 5 cm, then the side of the third cube will be how much?

- (a) 1 cm
- (b) $\sqrt[3]{2}$ cm
- (c) $\sqrt[3]{3}$ cm
- (d) 3 cm

Q29. Mukti Bahini, an armed force predominantly comprising of guerilla fighters, helped liberate which one of the present day countries given below?

- (a) Bangladesh
- (b) Sri Lanka
- (c) Vietnam
- (d) Nepal

Q30. If a certain language translates, 'Tube-well irrigates the field' to 'sopec co loa si', 'drink green tea' to 'fra ubiq tho' and 'field is green' to 'tho co pae', what is the code for 'field' and 'green' respectively?

- (a) loat tho
- (b) co, fra
- (c) co, tho
- (d) tho, co

Q31. The Commission for Agricultural Costs and Prices is mandated to advise the Government on MSP of how many crops.

- (a) 20
- (b) 23
- (c) 26
- (d) 28

Q32. In which year did the Parliament of India enact the Biological Diversity Act to achieve the objectives of the United Nations Convention on Biological Diversity?

- (a) 1992
- (b) 1998
- (c) 2002
- (d) 2012

Q33. If the distance between the points (2, -2) and (5, k) is 5 units, then one of the possible values of k shall be which of the following?

- (a) 6
- (b) 4
- (c) 2
- (d) 1

Q34. Read the information given below carefully and answer the question that follows :

GAT Previous Year Paper

- I. A, B, C, D, E and F are sitting around a circular table though not necessarily in the same order and each of them is facing to the center ;
- II. A is the only one sitting between D and E ;
- III. Third from the left of E, C is sitting ;
- IV. F is to the immediate right of B ; &
- V. D is sitting at the right of B separated by two persons.
- Starting from A, what would be the clockwise order of sitting around the table?
- (a) ADCFEB
(b) AEBFCD
(c) ACDFBE
(d) ADCFBE
- Q35. Put the following major historical events in chronological order beginning from the earliest to the latest:
- (A) Emergence of the Sultanate of Golconda
(B) Establishment of the Delhi Sultanate
(C) Emergence of the Sultanates of Ahmednagar, Bijapur and Berar
(D) The Diwani of Bengal transferred to the East India Company
- Choose the correct answer from the options given below:
- (a) (B), (A), (D), (C)
(b) (A), (B), (D), (C)
(c) (B), (C), (A), (D)
(d) (B), (D), (A), (C)
- Q36. If 30th January 2003 was Thursday, what was the day of 2nd March 2003?
- (a) Thursday
(b) Wednesday
(c) Sunday
(d) Tuesday
- Q37. Narmada River has its source at :
- (a) Brahmagiri
(b) Satpura
(c) Amarkantak
(d) Slopes of the Western ghat
- Q38. What is the present worth Of 161 due in 3 years at 5% simple interest per annum?
- (a) ` 144
(b) ` 140
(c) ` 130
(d) ` 185
- Q39. Which of the following Amendment restores the powers of State Governments to identify and specify Socially and Economically Backward Class ?
- (a) 105th Amendment
(b) 88th Amendment
(c) 91st Amendment
(d) 99th Amendment
- Q40. If two tangents inclined at an angle 60° are drawn to a circle of radius 5 cm, then what is the length of each tangent?
- (a) $5\sqrt{2}$ cm
(b) $5\sqrt{3}$ cm
(c) 3 cm
(d) $3\sqrt{3}$ cm
- Q41. Which of the following is a chemical change ?
- (a) Dissolving of salt in water

- (b) Rusting of iron
 (c) Boiling of water
 (d) Melting of ice

Q42. Match List-I with List-II

List-I	List-II
Name of the Book	Author
(A) coolie	(I) Jane Austen
(B) Kankaal	(II) Margaret Mitchell
(C) Gone with the Wind	(III) Mulk Raj Anand
(D) Emma	(IV) Jai Shankar Prasad

Choose the correct answer from the options given below:

- (a) (A) – (I), (B) – (IV), (C) – (III), (D) – (II)
 (b) (A) – (I), (B) – (II), (C) – (IV), (D) – (III)
 (c) (A) – (III), (B) – (IV), (C) – (II), (D) – (I)
 (d) (A) – (III), (B) – (IV), (C) – (I), (D) – (II)

Q43. Find the different one:

- (a) 3085
 (b) 9900
 (c) 5116
 (d) 8179

Q44. If $\frac{x}{y} = \frac{3}{5}$ and $\frac{y}{z} = \frac{5}{2}$, then $\frac{x^2 + z^2}{x^2 - z^2}$ would be

- (a) $\frac{12}{5}$
 (b) $\frac{5}{13}$
 (c) $\frac{13}{5}$
 (d) $\frac{5}{12}$

Q45. A sum of ₹ 5500 is lent out in two parts in such a way that the interest on one part at 12% for 4 years is equal to that on another part at 8% for 5 years. What will be the two parts of the sum?

- (a) ₹ 2300 and ₹ 3200
 (b) ₹ 2700 and ₹ 2800
 (c) ₹ 2500 and ₹ 3000
 (d) ₹ 2400 and ₹ 3100

Q46. Read the information given below carefully and answer the question that follows:

Question: How much does Ajay pay to his driver every month as Salary?

Statement:

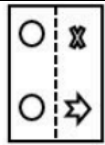
i. Rakesh pays 20% more per month, to his driver than Ajay as Rakesh's driver has a 15 year experience. Moreover, Ajay pays 30% more per month than Karan as Karan's driver has mere 5 years of experience.

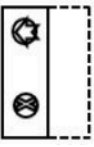



ii. As Karan would avail 10% discount on drivers's salary by paying for 6 months in advance, Karan paid his driver ₹ 54000 for 6 months in advance.

Determine which of the following is True in order to solve the asked question?

- (a) Only statement i is sufficient to answer the question.
 (b) Only statement ii is sufficient to answer the question.
 (c) Both statements i and ii are necessary to answer the question.
 (d) Either statement i or statement ii is / are sufficient to answer the question.

Q47. A square transparent sheet with a pattern is given below. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded along the dotted line.



- (a) 
- (b) 
- (c) 
- (d) 

- Q48. A man bought 400 m of fabric @ ` 60 per metre. He sold 50% of it at a profit of 4%. At what percent should he sell the remaining to gain 12% on the whole transaction?
- (a) 16%
 - (b) 22%
 - (c) 3. 18%
 - (d) 20%
- Q49. Who among the following was the project director of Chandrayaan-3?
- (a) S. Somnath
 - (b) P. Veeramuthuvell
 - (c) Sivan Kailasavadivoo
 - (d) Mylswamy Annudurai
- Q50. A Police officer sees a chain snatcher and runs to catch her from a distance of 50 metres. When the Police officer starts chasing the chain snatcher from a distance of 50 metres, the chain snatcher is running @ 2 metres per second. At the same time the Police Officer is chasing the chain snatcher @ 4 metres per second. Find the distance covered by the chain snatcher when the Police Officer shall be able to successfully catch her?
- (a) 50 metres
 - (b) 60 metres
 - (c) 150 metres
 - (d) 100 metres

