



## **SECTION-I : GAT**

1. The least square number which is divisible by 2, 3, 4, 5, 6 is:  
a) 400            b) 900            c) 1600            d) 3600
2. An enterprising businessman earns an income of Re.1/- on the first day of his business. On every subsequent day, he earns an income which is just double of that made on the previous day. On 10<sup>th</sup> day of the business he earns an income of :  
a) Rs.2<sup>9</sup>            b) Rs.2<sup>10</sup>            c) Rs.10<sup>2</sup>            d) Rs.10
3. The average age of 30 students is 9 years. If the age of their teacher is included, it becomes 10 years. The age of the teacher (in years) is:  
a) 27 years            b) 31 years            c) 35 years            d) 40 years
4. The average weight of 9 mangoes increases by 20 g if one of them weighing 120 g is replaced by another. The weight of the new mango is:  
a) 180 g            b) 200g            c) 260 g            d) 300 g
5. A man spends 75% of his income. His income increases by 20% and he increased his expenditure by 15%. His savings are then increased by:  
a) 33%            b) 33 1/3%            c) 35%            d) 40%
6. The value of the machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If its present value is Rs.8748/-, its purchase price was:  
a) Rs.10000            b) Rs.11372.40            c) Rs.12000            d) None
7. Salaries of A, B and C are in the ratio 1:2:3. Salary of B and C together is Rs.6000/-. By what percent is salary of C more than that of A?  
a) 300            b) 600            c) 100            d) 200
8. The cost price of an article is 40% of the selling price. The percent that the selling price is of cost price is  
a) 250            b) 240            c) 60            d) 40
9. A person bought an article and sold it at a loss of 10%. If he had bought it for 20% less and sold it for Rs.55 more, he would have had a profit of 40%. The cost price of the article is:  
a) Rs.200            b) Rs.225            c) Rs.250            d) None of these



10. The ratio of the number of boys and girls in a school is 3:2. If 20% of the boys and 25% of the girls are scholarship holders, the percentage of the school students who are not scholarship holders, is:

- a) 56                      b) 70                      c) 78                      d) 80

11. 15 litres of a mixture contains 20% alcohol and the rest water. If 3 litres of water be mixed in it, the percentage of alcohol in the new mixture will be:

- a) 15                      b)  $16 \frac{2}{3}$                       c) 17                      d)  $18 \frac{1}{2}$

12. A is twice as good a workman B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is:

- a) 11                      b) 21                      c) 28                      d) 42

13. A and B can do a piece of work in 5 days; B and C can do it in 7 days; A and C can do it in 4 days. Who among these will take the least time if put to do it alone?

- a) A                      b) B                      c) C                      d) Data inadequate

14. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched Rs.72 more. The sum is:

- a) Rs.1200                      b) Rs.1500                      c) Rs.1600                      d) Rs.1800

15. In how many years will a sum of money double itself at 12% per annum?

- a) 6 years 9 months                      b) 7 years 6 months  
c) 8 years 3 months                      d) 8 years 4 months

16. If a diagonal of a rectangle is 17 cm long and perimeter of the rectangle is 46 cm, then the area of the rectangle is:

- a)  $112 \text{ cm}^2$                       b)  $120 \text{ cm}^2$                       c)  $132 \text{ cm}^2$                       d)  $289 \text{ cm}^2$

17. A hall 20 m long and 15 m broad is surrounded by a verandah of uniform width of 2.5 m. The cost of flooring the verandah at Rs.3.50 per square meter is:

- a) Rs.500                      b) Rs.600                      c) Rs.700                      d) Rs.800



18. January 1, 1995 was a Sunday. What day of the week lies on January 1, 1996?

- a) Sunday                      b) Monday                      c) Saturday                      d) None of these

19. The day on 5<sup>th</sup> March of a year is the same day on what date of the same year?

- a) 5<sup>th</sup> August                      b) 5<sup>th</sup> October                      c) 5<sup>th</sup> November                      d) 5<sup>th</sup> December

20. At 3.40, the hour and the minute hand of a clock form an angle of:

- a) 120°                      b) 125°                      c) 130°                      d) 135°

21. At what time between 5 and 6 o'clock are the hands of a clock coincident?

- a) 22 min. past 5                      b) 30 min. past 5                      c) 22  $\frac{8}{11}$  min. past 5                      d) 27  $\frac{3}{11}$  min. past 5

22. The present worth of Rs.2310 due 2  $\frac{1}{2}$  years hence, the rate of interest being 15% per annum is:

- a) Rs.1750                      b) Rs.1680                      c) Rs.1840                      d) Rs.1443.75

23. If the true discount on a sum due 2 years hence at 14% per annum be Rs.168, the sum due is:

- a) Rs.768                      b) Rs.968                      c) Rs.1960                      d) Rs.2400

24. Complete the series 7, 26, 63, 124, 215, 342, (.....)

- a) 375                      b) 511                      c) 391                      d) 421

25. Complete the series - 2, 5, 9, 19, 37, .....

- a) 76                      b) 74                      c) 75                      d) None of these



## SECTION-II : GAT

**Directions: In each of the following questions, five groups of letters are given. Four of them are alike in a certain while one is different. Choose the odd one.**

1. a) DE            b) PQ            c) TU            d) MO            e) FG
2. a) AE            b) AI            c) IO            d) EI            e) OU
3. a) GDA          b) OLI          c) VSP          d) KHE          e) WYZ
4. a) BYX          b) LPO          c) EVU          d) FUT          e) IRQ

**In each of the following questions, consists of two words that have a certain relationship to each other followed by four lettered pairs of words. Select that lettered pair which has the same relationship as the original pair or words.**

**5. Bear : Hibernation**

- |                        |                       |
|------------------------|-----------------------|
| a) Man : Immigration   | b) Bird : Migration   |
| c) Food : Adulteration | d) Frog : Aestivation |

**6. Gypsy : Caravan**

- |                  |                     |
|------------------|---------------------|
| a) Hare : Byre   | b) Knight : Mansion |
| c) Monk : Temple | d) Convict : Cell   |

**7. Vandalism : Property**

- |                        |                         |
|------------------------|-------------------------|
| a) Perjury : Testimony | b) Embezzlement : Fraud |
| c) Implication : Crime | d) Testify : Reputation |

**8. Taxonomist : Classify**

- |                      |                        |
|----------------------|------------------------|
| a) Haggler : Bargain | b) Doctor : Medicine   |
| c) Kind : Alms       | d) Engineer : Building |

**Directions: Three words in bold letters are given in each question, which have something in common among themselves. Out of the four given alternatives, choose the most appropriate description about these three words.**

**9. Analects : Limestone : Coal**

- a) They are formed by metamorphic rocks.
- b) They are chemical minerals.
- c) They are found in river beds.
- d) They are formed in sedimentary rocks.



**10. Knot : Watt : Fathom**

- a) The terms are used by sailors
- b) The terms are used for installing electricity.
- c) The terms are connected with rope.
- d) They are units of measurements.

**11. Majlis : Diet : Knesset**

- a) These are foreign languages
- b) These are parliaments of countries.
- c) These are names of foods eaten in different countries.
- d) These are old names of certain countries.

**12. Naive : Ingenue : Guileless**

- a) The terms are connected with bad society manners.
- b) The terms are used for criminals.
- c) They are technical words used by social workers in backward areas.
- d) They depict various shades of innocence.

**Directions: In each of the following questions, five words have been given, out of which four are alike in some manner and the fifth one is different. Choose the odd one.**

**13.** a) Courteous    b) Humble    c) Civil    d) Polite    e) Honest

**14.** a) Autocracy    b) Bureaucracy    c) Democracy    d) Diplomacy    e) Theocracy

**15.** a) Flood    b) Hurricane    c) Avalanche    d) Earthquake    e) Explosion

**16.** a) Gloomy    b) Calm    c) Dull    d) Tense    e) Distress

**Directions: In each of the following questions, find which one word cannot be made from the letters of the given word.**

**17. TRIBUNAL**

a) LATIN    b) BRAIN    c) URBAN    d) TRIBLE

**18. VARIEGATED**

a) TRAVEL    b) TRADE    c) GREAT    d) RIGVEDA

**19. THERMOLYSIS**

a) LOITER    b) LORIS    c) LOTUS    d) SISTER

**20. CONSTITUTIONAL**

a) LOCATION    b) TUITION    c) TALENT    d) CONSULT



21. *Estonia* is related to *Rouble* in the same way as *Chile* is related to .....
- a) Dinar            b) Peso            c) Peseta            d) Franc
22. *Bull* is related to *Draught* in the same way as *Cow* is related to .....
- a) Livestock        b) Milch            c) Farm            d) Fodder
23. *Trigonometry* is related to *Triangles* in the same way as *Mensuration* is related to .....
- a) Geometry        b) Circles        c) Areas            d) Polygons
24. *Forfeit* is related to *Surrender* in the same way as *Remit* is related to .....
- a) Perceive        b) Confiscate    c) Exempt            d) Cancel
25. *Poison* is related to *Socrates* in the same way as *Crucifixion* is related to .....
- a) Jesus            b) Christians    c) Aristotle        d) Church