

## I Gate Aptitude Test 2004

1. Select the odd one  
(a) January (b) February (c) Wednesday (d) November
2. Select the antonym of capture from the following  
(a) attack (b) Release (c) condemn (d) None of the above
3. Find the antonym of autumn  
(a) Spring (b) Winter (c) Summer (d) None of the above
4. One skirt requires 3.75 yards of cloth. How many skirts you can make from 45 yards?  
Ans: 12 skirts
5. Last month of an year  
(a) January (b) February (c) December (d) November
6. Is the meaning of Client and Customer,  
(a) same (b) contradictory (c) no relation
7. Is the meaning of Canvas and Canvass,  
(a) same (b) contradictory (c) no relation
8. Is the meaning of Ingenious and Ingenuous,  
(a) same (b) contradictory (c) no relation
9. Is the meaning of Credible and Credulous,  
(a) same (b) contradictory (c) no relation
10. Select the odd one out.  
(a)  $\frac{1}{4}$  (b)  $\frac{1}{3}$  (c)  $\frac{1}{6}$  (d)  $\frac{1}{18}$
11. Select the least from the following.  
(a) 0.99 (b) 1 (c) 81 (d) 0.333
12. Find the next number in the series. 1, 0.5, 0.25, 0.125  
Ans: 0.0625
13. One do llar is saved in one month. Then how much dollar is saved in one day?  
Ans:  $\frac{1}{30} = 0.0333\$$
14. Y catches 5 times more fishes than X. If total number of fishes caught by X and Y is 48, then number of fishes caught by X?  
Ans: 8
15. If a train covers 600m in 0.5 seconds, how long it will cover in 10 seconds?  
Ans:  $3000\text{m} = 3\text{km}$

16. The girl's age is twice that of boy, if the boy is four years old. After four years the age of the girl is

Ans: 12 years

17. Sister's age is twice than that of the brother. If the brother's age is six, what is the sister's age after two years?

Ans: 14 Yrs.

18. Two lemons cost 10 cents. Then one and a half dozen cost

Ans: 90 cents

19. A clock is late by 1 minute 27 seconds in a month. Then how much will it be late in 1 day?

Ans: 2.9 seconds

20. Opposite of Remote?

(a) Far (b) Near (c) Huge (d) Village

21. Statement A: All great men are ridiculous; Statement B: I am ridiculous ; Inference : I am a great man;

(a) True (b) False (c) Not clear

22. Statement: Normal children are active; Inference: All children are active;

(a) True (b) False (c) Uncertain

23. Next number in the series 1, 1/2, 1/4, 1/8 ?

Ans: 1/16

24. In 6 seconds a light flashes once. In one hour how many times it will flash?

Ans: 601 times

25. At 20% discount, a cycle is sold at a selling price of 2500 Rs. What is the actual price?

Ans: Rs. 3125

26. Statement A: A & B have same age; Statement B: B is younger than C; Inference : A is younger than C;

(a) True (b) False (c) Uncertain

27. A invests \$12000, B invests \$8000, C invests \$6000 and they got a profit of \$1200. How much share A got more than B and C?

Ans: 2/13 and 3/13

Technical Questions contain Electronics and Computer Science

1. Full form of TTL and CMOS

2. Which is a good conductor (Extrinsic or Intrinsic)

3. What are the different types of capacitors (Electrolytic, dielectric...etc)

4. Select a passive component from the following (four choices were there)
5. Minimum no. of lines required for communication using RS232
6. To convert 1's complement to 2's complement and vice versa
7. During which time we use 'size of' command.
8. Out of four choice we have to identify which is a macro.
9. There was one pointer \_expression related question.
10. To find post fix \_expression.
11. What type of operating system is unix  
a) pre-emptive b) non-preemptive c) batch
12. Where we use DFD(Data flow design)  
a) structural languages b) object oriented languages c) UML d) none of these
13. Name the error which occurs when we write on a page  
a) segment fault b) permission fault c) page fault
14. A question based on the representation of an array in C An array whose elements are pointers which return a character