**Information Technology Mcqs Test**

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1. Who developed the first all electronic computers by 1940?

(a) Clifford Bery  
(b) George Boole  
(c) Atanasuff and Berry  
(d) John V. Atanasoff

Answer : Atanasuff and Berry

2. The high voltage level of a digital signal in positive logic is :

(a) 0  
(b) 1  
(c) either 0 or 1  
(d) None of these

Answer : 1

3. The Gateway Internet Access Services (GIAS) of India is situated in

(a) Delhi  
(b) Mumbai  
(c) Chandigarh  
(d) Madurai

Answer : Mumbai

4. Octal 6 is equal to decimal :

(a) 14  
(b) 16  
(c) 15  
(d) 13

Answer : 14

5. In decimal system the base or radix is :

(a) 1  
(b) 0  
(c) 10  
(d) None of these

Answer : 10

6. Which logic gate is similar to the function of two series switches?

(a) NOR  
(b) OR  
(c) AND  
(d) NAND

Answer : OR

7. How many flip flops are needed for a 4 bit counter?

(a) 3  
(b) 4  
(c) 6  
(d) None of these

Answer : 4

8. Which of the following is not a HIGH LEVEL computer programming language?

(a) COBOL  
(b) FORTRAN  
(c) MODEM  
(d) None of these

Answer : COBOL

9. A device with slowest switching speed is :

(a) Nixie tubes  
(b) LED  
(c) LCD  
(d) None of these

Answer : LCD

10. The connecting leads in an IC chip are made of :

(a) Aluminium  
(b) Silicon  
(c) Calcium  
(d) None of these

Answer : Aluminium

11. A memory used for storing variable quantities is :

(a) RAM  
(b) EPROM  
(c) ROM  
(d) PROM

Answer : RAM

12. Which of the following is the minimum error code?

(a) Gray code  
(b) Octal code  
(c) Binary code  
(d) None of these

Answer : Gray code

13. Which of the following is a temporary memory?

(a) ROM  
(b) RAM  
(c) Both  
(d) None of these

Answer : RAM

14. Which of the following uses the least power?

(a) ECL  
(b) CMOS chip  
(c) TTL  
(d) None of these

Answer : CMOS chip

15. The decimal equivalent of the hexadecimal number ES is:

(a) 327  
(b) 229  
(c) 279  
(d) None of these

Answer : 229

16. Which logic gate is similar to the function of two parallel switches?

(a) NAND  
(b) AND  
(c) OR  
(d) NOR

Answer : OR

17. A type of memory chip whose contents can be quickly changed by the computer at any time is called:

(a) VDT  
(b) RUM  
(c) ROM  
(d) RAM

Answer : RAM

18. The number of levels in a digital signal is

(a) One  
(b) Two  
(c) Four  
(d) None of These

Answer : Two

19. A device that converts from decimal to binary number is called :

(a) Encoder  
(b) Decoder  
(c) Converter  
(d) None of these

Answer : Encoder

20. ‘Mega Bytes’ is the unit for measuring which of the following :

(a) Density of population  
(b) Intensity of earthquakes  
(c) Memory capacity of a computer  
(d) None of these

Answer : Memory capacity of a computer

21. The radix of a decimal system is :

(a) 8  
(b) 3  
(c) 16  
(d) 2

Answer : 8

22. The logic circuit corresponding to – ‘sign’ is :

(a) NAND gate  
(b) AND gate  
(c) NOR gate  
(d) OR gate

Answer : NOR gate

23. When family of logic circuits circuits uses field effect transistors?

(a) CMOS  
(b) Both ‘A’ or ‘B’  
(c) TTL  
(d) None of these

Answer : CMOS

24. Which of the following stands for one million floating point operations a second?

(a) Floating Point  
(b) Megaflops  
(c) Nanflops  
(d) Speed