

## ECAT Computer Science Chapter 2 Digital Computer Fundamentals

Sr	Questions	Answers Choice
1	Which of the following is Internet Protocol?	A. Y25 B. TCP/IP C. PCT/PI D. ITTT
2	IEEE 802.3 is	A. Device Name B. Protocol C. Topology D. None
3	Bandwidth requirement for human voice is	A. 100000 to 200000 B. 5000 to 20000 C. 20000 to 30000 D. 25000 to 50000
4	A connection of same type of network is	A. Bridge B. Repeater C. Gateway D. Router
5	Step-by-step instructions that run the computer are.	A. hardware B. documents C. programs D. CPUs
6	Which of the following is a Correct definition of volatile memory?	A. It loses its contents at high ambient temperatures B. Its contents are lost on failure of power supply C. It has to be kept in air tight boxes always D. It is the latest type of bubble memory
7	Pick out the correct definition of buffer.	A. Buffer is a hardware device that stores data outside the CPU B. Buffer is that portion of the CPU memory which stores program instructions C. Buffer is a temporary storage between the CPU memory and a peripheral device D. Buffer is a device to convert input data into a computer readable form
8	The operation of arithmetic logic unit (ALU) is directed by.	A. the ALU itself B. program C. control unit D. memory unit
9	Which of the following will happen when data is entered into a memory location	A. It will change the address of the memory location B. It will add to the content of the location C. It will not be fruitful if there is already some data in that location D. It will erase the previous content
10	During E-time the ALU	A. examines the instruction B. enters the instruction C. executes the instruction D. elicts the instruction
11	Another name for a logic chip is.	A. PROM B. memory C. microprocessor D. ROM
12	A search engine is	A. A software to search for engines B. A device search for motor engine C. A website that sells products and services D. A website that look through databases for matching criteria

13	The term "time slicing" need not apply to.	A. Un line transacting processing     B. Batch processing     C. Real time processing     D. None of the above
14	The card which is used for Internet	A. Network card B. Modem card C. VGA card D. Graphic card
15	The number of bytes in the following number (1111, 1011, 0111,0100,1010) is.	A. 5 B. 2 1/2 C. 10 D. 1 2/4
16	The Media Access Control sub layer resides in which layer	A. Data link B. Physical C. Network D. Transport
17	The CCITT protocol is the same as	A. x.25 B. Y.25 C. C25 D. d25
18	Wrong Statement.	A. Information stored in RAM can be changed by over writing it B. Information stored in ROM cannot be changed by over writing it C. Information can be stored in any location of RAM D. Computer main memory can be accessed only sequentially
19	During E time the ALU	A. examines the instruction B. enters the instruction C. executes the instruction D. elicits the instruction
20	A bootstrap is.	A. a memory device B. a device to support the computer C. a small initialization program to start up a computer D. an error correction technique