

## ECAT Computer Science Chapter 2 Digital Computer Fundamentals

Sr	Questions	Answers Choice
1	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
2	A CPU has.	A. control unity consisting of program counter and instruction decoder, and arithmetic unit having accumulator B. bubble memory C. visual display unit D. auxiliary storage unit
3	The highest layer of OSI model is	<ul><li>A. Physical layer</li><li>B. Network layer</li><li>C. Presentation layer</li><li>D. Application layer</li></ul>
4	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
5	The central processing Unit (CPU) comprises of.	A. memory, VDU, and printer B. input device, output device and memory C. store, arithmetic and logic unit and control unit D. software, hardware and power supply unit
6	The CCITT protocol is the same as	A. x.25 B. Y.25 C. C25 D. d25
7	Memory capacity may be expressed in.	A. microseconds B. kilobytes C. bits D. cycles
8	The process of executing several programs simultaneously by the use of more than one processing unit is called.	A. Multiprogramming B. Time sharing C. Multiprocessing D. Batch processing
9	A network that covers small geographic area or single or group of buildings is called	A. WAN B. LAN C. Bridge D. Gateway
10	The term word in computer terminology refers to.	A. bits formed into groups B. coded instructions C. memory size D. language used
11	Network topologies are categorized into the following basic types	A. Bus, Ring B. Star , Tree C. Mesh D. All of the above
12	How many pairs of computers can simultaneously communicate on Ethernet LAN	A. 1 B. 3 C. Multiple D. 4
13	On a linear bus topology cabling can be extended by using following device	A. Network Adapter Card B. Barrel Connector C. Terminator

		D. Modem Card
14	The central processing unit comprises of	A. software,hardware,and power supply unit B. software arithmetic and logic unit,and control unit C. memory ,VDU and printers D. input devices output devices and memory
15	A computer can be defined as an electronic device that can: (choose the most precise definition).	A. carry out logical functions B. carry out arithmetical operations C. accept and process data using a set of stored instructions D. present information on a VDU
16	The complex set of electrical circuitry that executes program instructions is called the.	A. register B. central processing unit C. accumulator D. bus line
17	A device which connects multiple nodes to the network is	A. A modem B. A Hub C. A repeater D. A router
18	Information travels between components of a computer through groups of wires called.	A. cards B. busses C. slots D. ports
19	During E-time the ALU.	A. examines the instruction B. enters the instruction C. executes the instruction D. elicits the instruction
20	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