ECAT Computer Science Chapter 2 Digital Computer Fundamentals

Sr	Questions	Answers Choice
1	Which is not associated with the main memory of computer.	A. semiconductor memory B. core memory C. read only memory D. sequential memory
2	At the beginning of the instruction cycle, the contents of the Instruction Register specify.	A. Operand for the instruction being executed B. Instruction itself C. Operand for the instruction to be executed next D. None of above
3	The operation of arithmetic logic unit (ALU) is directed by.	A. the ALU itself B. program C. control unit D. memory unit
4	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
5	Which one is not network topology?	A. Star B. Ring C. Circle D. Bus
6	The card which is used for Internet	A. Network card B. Modem card C. VGA card D. Graphic card
7	A bus line consists of.	A. registers B. accumulators C. parallel data paths D. machine cycles
8	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
9	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
10	Step-by-step instructions that run the computer are.	A. hardware B. documents C. programs D. CPUs
11	The different memory locations are identified by hexadecimal numbers called.	A. ASCII code B. bytes C. BCD numbers D. addresses
12	SNA stands for	A. Simple Network Adapter B. System Network Arhitecture C. System Network Application D. Small Network Application
13	Memory is divided into many numerically addressed.	A. logic B. locations C. codes D. cells
14	How many pairs of computers can simultaneously communicate on Ethernet LAN	A. 1 B. 3 C. Multiple D. 4

15	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
16	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
17	The term "time slicing" need not apply to.	A. On line transacting processing B. Batch processing C. Real time processing D. None of the above
18	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
19	A network that covers large area, city, country and World is called	A. LAN B. WAN C. Router D. Bridge
20	A device which connects multiple nodes to the network is	A. A modem B. A Hub C. A repeater D. A router