ECAT Computer Science Chapter 2 Digital Computer Fundamentals

Sr	Questions	Answers Choice
1	Bandwidth requirement for human voice is	A. 100000 to 200000 B. 5000 to 20000 C. 20000 to 30000 D. 25000 to 50000
2	Which one is not network topology?	A. Star B. Ring C. Circle D. Bus
3	The most common protocol used in WAN is	A. Ethernet B. X.25 C. IEEE D. ISO
4	Which is not associated with the main memory of computer.	A. semiconductor memory B. core memory C. read only memory D. sequential memory
5	The following register keeps track of the program during execution.	A. Address register B. Program counter C. Data register D. Accumulator
6	The different memory locations are identified by hexadecimal numbers called.	A. ASCII code B. bytes C. BCD numbers D. addresses
7	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
8	SNA stands for	A. Simple Network Adapter B. System Network Arhitecture C. System Network Application D. Small Network Application
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	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
11	The heart of a digital computer is.	A. control unit B. memory unit C. logic unit D. visual display unit
12	A CPU has	A. control unit consisting of program counter and instruction decoded,and arithmetic unit having accumulator. B. bubble memory C. visual display unit D. auxiliary storage unit
13	The entire computer is coordinated by	A. The ALU B. the accumulator C. arithmetic operators D. the control unit
14	How many pairs of computers can simultaneously communicate on Ethernet LAN	A. 1 B. 3 C. Multiple D. 4

		D. 4
15	The term word in computer terminology refers to.	A. bits formed into groups B. coded instructions C. memory size D. language used
16	Ethernet bus topologies used following Ethernet cabling	A. Thin Net B. Thick Net C. Bold Net D. a , b
17	Which of the following is an example of volatile memory.	A. ROM B. RAM C. PROM D. Hard disk
18	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
19	The entire computer system is coordinated by.	A. the ALU B. the accumulator C. the control unit D. arithmetic operators
20	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