

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	During E time the ALU	A. examines the instruction B. enters the instruction C. executes the instruction D. elicits the instruction
3	The term word in computer terminology refers to.	A. bits formed into groups B. coded instructions C. memory size D. language used
4	The entire computer is coordinated by	A. The ALU B. the accumulator C. arithmetic operators D. the control unit
5	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
6	Ethernet bus topologies used following Ethernet cabling	A. Thin Net B. Thick Net C. Bold Net D. a , b
7	A device which connects multiple nodes to the network is	A. A modem B. A Hub C. A repeater D. A router
8	The heart of a digital computer is.	A. control unit B. memory unit C. logic unit D. visual display unit
9	The unit that transform data in informaion is the	A. CPU B. ROM C. DVD D. OCR
10	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
11	Memory capacity may be expressed in.	A. microseconds B. kilobytes C. bits D. cycles
12	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
13	What does ISDN stands for?	A. International Service Data Network B. International Service Digital Network C. Integrated Service Data Network D. Integrated Service Digital Network
14	A network that covers small aeographic area or single or aroup of buildings is called	A. WAN B. LAN C. MAN D. GAN

		C. Bridge D. Gateway
15	Network topologies are categorized into the following basic types	A. Bus, Ring B. Star , Tree C. Mesh D. All of the above
16	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
17	If one or more computers are connected to a central Hub, this topology is called	A. Ring topology B. Bus topology C. Star topology D. Modulation
18	Which one the common protocols is used for E-mail?	A. FTP B. PPP C. SMTP D. POP
19	The central processing unit comprises of	A. memory ,VDU and printers B. input devices output devices and memory C. software arithmetic and logic unit,and control unit D. software,hardware,and power supply unit
20	Maximum length of co-axial cable used in LAN is	A. 120 meter B. 110 meter C. 100 meter D. 90 meter