

ECAT Computer Science Online Test

Sr	Questions	Answers Choice
1	Which of the following is associated with second generations computers.	A. transistors B. megnetic core memory C. high level procedural language D. all of the above
2	A computer can't do anything without.	A. program B. Input device C. Output device D. VDU
3	The basic operation performed by a computer is.	A. arithmetic operations B. logic operations C. storage and retrieval operations D. all of the above
4	The most powerful computers are.	A. super minis B. super micros C. super mainframe D. super computers
5	Raw data is processed by the computer into.	A. number sheets B. updates C. paragraphs D. information
6	A computer has very high speed, accuracy and reliability . Its intelligent quotient could be of the order of	A. 0 B. 10 C. 15 D. 20
7	The computer programe consists mainly the following number of parts	A. 2 B. 3 C. 4 D. 5
8	A computer is capable of performing almost any task, provided that it can be.	A. coded B. memorized C. analyzed D. reduced to a series of logical steps
9	A computer drives its basic strength from	A. speed B. accuracy C. memory D. all of above
10	A computer can be defined as an electronic device that can (choose the most precise definition)	A. carry out arithmetic operation B. carry out logical operation C. do complicated calculation D. accept or process data by implementing sequentially a set of stored instructions
11	Following devices are used in simplex mode	A. Radio B. Television C. a , b D. Multiplexers
12	The _____ is the physical path over which a message travels.	A. Single B. Double C. Protocol D. Medium
13	The encoding scheme of data represent as	A. EBCDIC code B. ASCII code C. Unicode D. All of the above
14	Communication between a computer and keyboard involes _____ transmission.	A. Half duplex B. Full-duplex C. Simplex D. Automatic
		A. Fiber optics

15	Which of the following cable is comprised of two separate insulated copper wires that are twisted?	B. Twisted pair wire C. coax D. Submarine
16	All of the following are Guided Communication media except	A. Fiber-Optic Cable B. Wire Cable C. Coaxial Cable D. Satellite-based , Microwave communication
17	Data is transmitted character by character in	A. Synchronous mode B. Asynchronous mode C. Remote communication D. Satellite mode
18	The voice channel has a bandwidth of	A. 0 - 2 KHz B. 0 - 4 KHz C. 5 - 10 KHz D. 10 - 20 KHz
19	Microwave and Communication Satellite are example of	A. Guided B. Un-guided C. Simplex D. Router
20	Data is transmitted block by block in	A. Asynchronous mode B. Synchronous mode C. Communication mode D. Satellite mode
21	Analog signal is measured in	A. Volts B. Pulses C. Hertz D. WATTS
22	An arrangement in which data is transmitted in both directions at a time is called	A. Simplex B. Full duplex C. Half duplex D. Multi-duplex
23	To send data, instruction and information you need a	A. Sending device B. Receiving device C. Channel device D. Communication signal
24	A set raw, unprocessed facts, figures and symbols is called	A. Information B. Data C. Instruction D. Code
25	Frequency is measured in	A. Channels B. Hertz C. Bandwidth D. Baud
26	Data transmission speed of wire pair is	A. 9600 bps B. 9500 bps C. 3600 bps D. 3500 bps
27	Internal modem is connected to	A. DCE cable B. RJ 45 cable C. RS 232 serial port D. DTE cable
28	Coaxial and fiber cables are examples of media	A. Guided B. Router C. Un-guided D. Simplex
29	Word is 16 bits is	A. 65536 B. 64526 C. 32526 D. 34526
30	The transfer of data from one place to another is called	A. Data processing B. Data distribution C. Data communication D. Data encryption