

ECAT Computer Science Online Test

Sr	Questions	Answers Choice
1	Temporary storage areas within the CPU are called	A. ROMs B. Registers C. Accumulators D. Address
2	Implementation of a program involves	A. Compilation of the program B. Debugging the program C. Testing the program with data D. All of the above
3	A conceptual error in a program is a/an	A. Logical error B. Execution error C. Syntactical error D. None of the above
4	Program maintenance means	A. Maintaining a program exactly the way it was initially developed B. Changing a program due to changes in the organization C. Removing the errors from a program D. Changing a program due to changes in the organization
5	An A/D converter does the conversion from	A. Digital to analog B. Analog to digital C. Voltage to ampere D. Direct to alternate current
6	A bootstrap is.	A. the flat cable that connects the CPU to the printer B. the flat cable from the disk controller card to the disk drive C. additional memory device D. a small initialization program to start up the computer
7	Point of sale terminal to.	A. Terminals associated with MICR B. Smart terminal C. Terminal associated with OCR D. None of above
8	In time division Multiplexing.	A. Time is doubled between bits of a byte B. Time slicing at CPU level takes place C. Total time available in the channel is divided between users and each user is allotted a time slice D. None of above
9	Which of the following is not a component of telecommunications?	A. sender B. office device C. medium D. receiver
10	Rearranging data in a new sequence is known as.	A. Updating B. Batching C. Sorting D. Summarising
11	If a processor does not have direct and unassisted access to data items, these items are said to be.	A. off line B. Time Shared C. on line D. None of these
12	The widely used code in data communication is.	A. a bit ASCII B. 7 bit ASCII C. EBCDIC D. none of these
13	Assuming 8 bit for data, 1 bit for parity, 1 start bit and 2 stop bits, the number of characters that 1200 BPS communication line can transmit.	A. 10 CPS B. 120 CPS C. 12 CPS D. none of these

14	Tool to change PROM chips are called.	A. chip kits B. RAM burners C. PROM burner D. none of these
15	An emerging technology that provides nonvolatile memory chips is.	A. flash memory B. PROM C. CMOS D. CISC
16	When the control unit directs the ALU to perform an operation on the data, the machine cycle is involved in its.	A. first step B. third step C. second step D. fourth step
17	One Megabyte is equivalent to.	A. 2 ¹⁰ bytes B. 2 ²⁰ bytes C. 2 ³⁰ bytes D. none of these
18	An organic chip is called a.	A. storage chip B. biochip C. microchip D. silicon chip
19	The person who requests study or work on a system is the.	A. client B. analyst C. change agent D. user
20	Turning an entire project over to an outside firm for development is called.	A. auditing B. outsourcing C. preliminary investigation D. prototype
21	Scheduling deadlines and milestones can be shown on a.	A. system survey B. decision table C. prototype D. Gantt chart
22	The phase following detail design is,	A. preliminary investigation B. implementation C. system development D. system conversion
23	Use to ensure that no alternative is overlooked during data analysis.	A. data flow diagram B. organization chart C. Gantt chart D. decision table
24	A systems analyst would observe the flow of data and interrelations of people within an organization during.	A. detail design B. preliminary design C. systems analysis D. a system survey
25	The entire new system is used by a portion of the users.	A. direct conversion B. pilot conversion C. file conversion D. parallel conversion
26	The kind of interview where all questions are planned in advance is called	A. preplanned B. structured C. observation D. unstructured
27	Data gathering and data analysis take place.	A. after the system survey B. after system analysis C. during system design D. during evaluation
28	Programming and testing are elements of.	A. system analysis B. system development C. implementation D. system design
29	Positioning of headings and columns for the report format, considered during system design, might use.	A. a record layout an organization chart B. a decision table C. a printer spacing chart D. a printer spacing analysis
30	In the course of a systems project, systems design	A. follows systems analysis B. follows development C. precedes systems analysis D. is the fourth phase