

ECAT Computer Science Chapter 7 Fortran 77

Sr	Questions	Answers Choice
1	The output of a sequential circuit depends upon	A. present input B. past inputs C. both a and b D. none of a and b
2	The final value of K after following FORTRAN program segment is executed will be J=2 Do 50 I=3,8,J J=J+1 50 Continue J=5 * J	A. 2 B. 7 C. 40 D. The program can not be executed
3	Which of the following is increasing as computer technology progresses?	A. speed B. efficiency C. hardware reliability D. all of these are increasing
4	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
5	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
6	Examples of pointing devices that are used for computer input are.	A. joysticks B. mice C. trackballs D. all of the above
7	A computer program written in a high level language is called a	A. Source program B. Object program C. Machine language program D. None of the above
8	A language designed to generate routing business reports is	A. COBOL B. LISP C. RPG D. ALGOL
9	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
10	Which of the following FORTRAN statement is valid?	A. DIST=VELO * + TIME B. HYP ** 2=BASE **2 + PERP ** 2 C. X = X+1.0 D. SAL + COMM = 180.0 + PROFIT
11	The language named for a French mathematician is	A. C B. Ada C. Pascal D. Modula-3
12	Excess-3 code is known as	A. Weighted code B. cyclic redundancy code C. algebraic code D. self complementing
13	The FORTRAN equivalent of the mathematical expression ab/cd is.	A. A * B / C * D B. A.B / C.D C. A * B / (C*D) D. A*B/B*D
14	Management of an operating system is handled by	A. by interpreter B. the supervisor program C. utility program

15	The time between the user's request and the computer's reply	A. concurrent time B. response time C. allocation time D. event time
16	Pick up wrong statement regarding analog computers	A. Initial conditions during integration operation are imposed in an analog computer during reset mode B. Differentiators in analog circuit are not popular, because they are incapable of handling noisy ramp signals C. Memory or storage is an essential component of an analog computer D. Repetitive operations of analog computers are done to get a display on oscilloscope
17	The lowest level of programming language is	A. nonprocedural language B. assembly language C. BASIC D. machine language
18	The instruction that tell the computer what to do are called.	A. software B. output C. hardware D. telecommunication
19	For calculating taxes, input to a computer could be.	A. numbers representing wages B. income C. tax tables D. all of the above
20	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
