

## ECAT Computer Science Chapter 1 Basic Concepts of Information Technology Online Test

Sr	Questions	Answers Choice
1	IBM-1401, CDC-6600, IBM-7030 etc. belong to the.	A. first generation computers B. <b>second generation computers</b> C. third generation computers D. fourth generation computers
2	PDP-5,PDP-8,IBM-360 series and IBM-370 series belong to the.	A. first generation computers B. second generation computers C. <b>third generation computers</b> D. fourth generation computers
3	An analog computer produces its results in the form of.	A. numbers B. codes of '0's and '1's C. log format D. <b>graphs</b>
4	Pick up the wrong statement in the analogy of mechanical and electrical devices.	A. resistance is analog of damping B. inductance is analog of mass C. <b>capacitance is analog of spring</b> D. charge is analog of displacement
5	The accuracy of analog computers as compared to digital computer is.	A. more B. <b>less</b> C. nearly same D. unpredictable
6	An integrated circuit is.	A. a complex circuit B. an integrating device C. <b>fabricated on a tiny silicon chip</b> D. another name for chip
7	The disadvantage of analog computer over the digital computer lies in its.	A. set up being closely resembling the physical system B. having parallel structure and low cost C. being readily tied up with a physically system without using expensive inter phase D. <b>need for scaling, limited number of units, limited accuracy</b>
8	The focus of the fifth generation is.	A. <b>connectivity</b> B. symbolic languages C. silicon D. memory chips
9	The general-purpose processor on a chip is otherwise known as the.	A. ENIAC B. minicomputer C. pocket calculator D. <b>microprocessor</b>
10	IBM's System/360 family of computers was introduced during the.	A. 1950s B. <b>third generation</b> C. second generation D. 1990s
11	Primary storage for the UNIVAC was via	A. punched cards B. transistors C. <b>magnetic cores</b> D. disk packs
12	Most mainframe computers are basically.	A. 4 bit machines B. 8 bit machines C. <b>32 bit machines</b> D. 16 bit machines
13	First-generation computers were characterized by the use of the.	A. microprocessor B. <b>vacuum tube</b> C. transistor D. integrated circuit
14	Hellerith's Tabulating Machine company eventually became.	A. <b>IBM</b> B. AT & T C. Apple D. General Electric

The ENIAC, using ABC principles, was designed by.

- A. Charles Babbage
- B. Bell Laboratories
- C. John V. Atanasoff
- D. Mauchly and Eckert