

## ECAT Computer Science Online Test

Sr	Questions	Answers Choice
1	The main advantage of analog computers compared to digital computers is that they are more.	A. efficient in continuous calculations such as differentiation and integration B. efficient in handling vast data C. accurate and precise D. reliable
2	IBM-1401, CDC-6600, IBM-7030 etc. belong to the.	A. first generation computers B. second generation computers C. third generation computers D. fourth generation computers
3	PDP-5,PDP-8,IBM-360 series and IBM-370 series belong to the.	A. first generation computers B. second generation computers C. third generation computers D. fourth generation computers
4	An analog computer produces its results in the form of.	A. numbers B. codes of '0's and '1's C. log format D. graphs
5	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. capacitance is analog of spring D. charge is analog of displacement
6	The accuracy of analog computers as compared to digital computer is.	A. more B. less C. nearly same D. unpredictable
7	An integrated circuit is.	A. a complex circuit B. an integrating device C. fabricated on a tiny silicon chip D. another name for chip
8	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. need for scaling, limited number of units, limited accuracy
9	The focus of the fifth generation is.	A. connectivity B. symbolic languages C. silicon D. memory chips
10	The general-purpose processor on a chip is otherwise known as the.	A. ENIAC B. minicomputer C. pocket calculator D. microprocessor
11	IBM's System/360 family of computers was introduced during the.	A. 1950s B. third generation C. second generation D. 1990s
12	Primary storage for the UNIVAC was via	A. punched cards B. transistors C. magnetic cores D. disk packs
13	Most mainframe computers are basically.	A. 4 bit machines B. 8 bit machines C. 32 bit machines D. 16 bit machines
14	First-generation computers were characterized by the use of the.	A. microprocessor B. vacuum tube C. transistor D. integrated circuit

		D. integrated circuit
15	Hollerith's Tabulating Machine company eventually became.	A. IBM B. AT & T C. Apple D. General Electric
16	The ENIAC, using ABC principles, was designed by.	A. Charles Babbage B. Bell Laboratories C. John V. Atanasoff D. Mauchly and Eckert
17	The first digital computer to work electrically was the.	A. UNIVAC B. Atanasoff-Berry Computer C. Mark I D. analytical machine
18	The Mark I was built by.	A. Thomas Watson B. Dr. John Mauchly C. Howard Aiken D. Howard Aiken
19	The first computer to use electrical power was developed by.	A. Herman Hollerith B. Thomas J. Watson C. John V. Atanasoff D. Howard Aiken
20	Who is regarded as the Father of computers.	A. John Napier B. Pascal C. Charles Babbage D. Hollerith
21	A hybrid computer is the one having combined properties of.	A. Super and microcomputers B. Mini and microcomputers C. Analog and digital computers D. None of the above
22	The analog computer deal directly with.	A. number or pulses B. measured values of continuous physical magnitudes C. signals in the form of 0 or 1 D. signal in discrete values form 0 to 9
23	An analog computer can be worked directly with.	A. magnetic tapes B. punched card C. magnetic disk D. none of the above
24	The use of computer for business applications is attractive because of its/	A. accuracy B. reliability C. speed D. all of the above
25	Binary coded decimal number express each decimal digit as	A. binary degits B. nibble C. word D. byte
26	A digital compute performs its computations by	A. mechanical means B. analogy C. guessing D. counting
27	Stored instructions and data in a digital computer consist of.	A. alphabets B. numerals C. characters D. bits
28	Pick out the wrong statement about computers.	A. it is a logical machine B. it can access any piece of information that it has in store C. it is devoid of emotion, has no feelings or instincts D. it approaches its information in unrestricted manner
29	The major generational problem of the early first generation computers was	A. inaccurate results B. poor reliability C. delayed results D. limited capabilities
30	Electronic Numerical Integrator and Calculator (ENIAC machine) belongs to the	A. first generation digital computer B. second generation computer C. third generation computer D. fourth generation computer