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### Competitive Exams: Computer Science MCQs (Practice\_Test 5 of 6)

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1. If the value of maxim for the computer system used is 2147403647. Then the range of allowable integers for this particular system is
  - a. 2147483647 through -2147483647
  - b. -2147483647 through 2147483647
  - c. 2147483647 through zero
  - d. none of the above
2. The Computer can access data stored on a hard disk more quickly than that stored
  - a. on a floppy disk
  - b. program
  - c. memory
  - d. rtbne of the above
3. The arithmetic logic shift unit (ALSU) is a combination circuit that performs a number of arithmetic and logic arid
  - a. memory unit
  - b. shift micro operations
  - c. control memory
  - d. none of the above
4. The block diagram of the processor unit consists Of a file of 14 registers, on ALSU, and three buses that provide the data path
  - a. within the system
  - b. within the unit
  - c. within the tile

- d. none of the above
5. The 14 registers in the processor unit are assigned special asks by the
- ALSU
  - CPU
  - DOR
  - none of the above
6. A computer usually have. Several input, and output (I/O) devices, these collectively known as
- function unit
  - bit-pattern
  - peripherals
  - none of the above
7. In Pascal, it is impossible-for variable values oV. Constants to be used as
- instructions
  - bit pattern
  - peripherals
  - none of the above
8. Irv-Pascal, in exponential notation, the number is written as a value which is multiplied by  $10^n$  to
- any power
  - the appropriate power
  - $10^{\text{th}}$  power
  - none of the above
9. In characteristic, a plus sign (+) is to be shifted
- to the left a certain number of places
  - to the zero a certain numbers of places
  - to the right a certain number of places
  - none of the above
10. In characteristic, a negative sign (-) indicates that the decimal point should be shifted a certain number of places
- to the right

- b. to the zero
  - c. to the left
  - d. none of the above
11. The standard identifiers are the words
- a. real only
  - b. real, integer only
  - c. real, integer, Boolean, and char
  - d. none of the above
12. User-defined identifiers are those identifiers that are supplied by the programmer to name objects or processes that are used
- a. within the database
  - b. within the program
  - c. within lie Pascal compiler
  - d. none of the above
13. The primary storage unit in a Computer is divided into
- a. two separate storage locations only
  - b. three separate storage locations only
  - c. many separate storage locations only
  - d. none of the above
14. A variable has distinct characteristic
- a. a name, a type only
  - b. a value, a name only
  - c. a name, a value, a type
  - d. none of the. Above
15. A variable name may be any valid user-defined identifier and serve as a symbolic name for a
- a. database only
  - b. language program
  - c. specific location in memory
  - d. none of the above

16. In Pascal, a data type determines both the group of possible values of the variables and the allowable
- identifiers
  - operations for the variable
  - storage location
  - none of the above
17. DIR is used only after a read operation, to receive the data from
- database
  - data bus
  - data-bus buffers
  - none of the above
18. Eight processor Registers are used as for manipulating data through
- data bus
  - database
  - program instructor
  - none of the above
19. The program counter, can be changed by the programmer by means of
- branch type instructions
  - ordinary instructions
  - programming language
  - none of the above
20. The basic model-for a digital computer is still known as the
- Pascal machine
  - Neumann machine
  - Charles Babbage machine
  - none of the above
21. The structure, for A sample Digital Computer referred to
- SDC
  - SDCc
  - SDQcc

- d. none Of trie above
22. The two main categories of software are application software
- a. machine language
  - b. system software
  - c. high-level languages
  - d. none of the above
23. Some digital computers are called decimal/computers because
- a. decimal number can not be read in such computer
  - b. decimal number can be read in such computer
  - c. it does not contain decimal number
  - d. none of the above
24. Which computer is often found In small businesses and in homes and classrooms?
- a. mainframe
  - b. supercomputer
  - c. microcomputer
  - d. none of the above
25. Which computer's primary storage unit is usually smaller than that of the other types of computer?
- a. minicomputer
  - b. microcomputer
  - c. supercomputer
  - d. none of the above
26. A computer which uses a series of digits to represent all types of information is called
- a. a digital computer
  - b. an analogue computer
  - c. super computer
  - d. none of the above

