

CATEGORIES OF COMPUTER & COMPUTER LANGUAGE

B. State True or False:

1. A Super computer is the most powerful computer with a huge processing speed. T
2. A compiler converts a high level language program into machine language, line-by-line. F
3. Microcomputers are costlier than minicomputers. F
4. High Level Languages are machine-dependent. F
5. A Compiler translates the whole program at once. T

C. Multiple Choice Questions:

1. The language uses Mnemonic codes or Symbols.
a. Machine b. Assembly c. High level
2. An converts a high level language program into machine language, line by line.
a. Assembler b. Compiler c. Interpreter
3. The program converted into machine language by the translator is called
a. Source Program b. Object Program c. Assembler
4. In software development, release refers to a product or a technology which is still in development.
a. Alpha b. Beta c. Gamma
5. are used in homes, schools, shops, offices, banks, etc.
 a. Micro computers b. Mini computers c. Super computer

BRAIN DEVELOPER

A. Fill in the blanks:

1. The rules governing the formation of statements in a programming language are called Syntax.
2. High level language uses simple English words and Mathematical operators.
3. The Microcomputers computers are usually designed for personal use.
4. In binary language, 0 means off and 1 means on state.
5. A program written in assembly language is called the source program.

HINTS

Off

Syntax

High Level

Source

On

Microcomputers

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Answer the following

1. What do you mean by Machine language ?

Ans : It is the only language that computer understands.it is expressed in binary for.i.e, '0' and '1' ,where 0 means 'off' state and 1 means 'On' state .

2. How is Assembly language different from Machine Language

Ans : This language uses Mnemonic code or symbol in place of 0 and 1 (Machine language) .

3. What are then features of High level language ?

Ans : Simple and user friendly language . Language that is machine-independent .

4. Explain a few features of Super Computers .

Ans : 1.They are the most powerful computers with a huge processing speed.

2. These computers are used for weather forecasting ,space ,research ,satellite control.

5. List any three characteristics of the fourth Generation Language .

Ans : Highly User friendly , Machine independent ,Very High Speed .

6. Write a short note on Language Processors.

Ans : TO translate any high -level language program to the machine language,a software is required.This software is called a language processors .