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#### **Computer Basics Quiz**

8 out of 8 correct

1.

Who is the Father of Computers?

* James Gosling
* Charles Babbage
* Dennis Ritchie
* Bjarne Stroustrup

Explanation: Charles Babbage is known as the father of computers. Charles Babbage designed and built the first mechanical computer and Difference Engine.

2.

Which of the following is the correct definition of Computer?

* Computer is a machine or device that can be programmed to perform arithmetic or logic operation sequences automatically
* Computer understands only binary language which is written in the form of 0s & 1s
* Computer is a programmable electronic device that stores, retrieves, and processes the data
* All of the mentioned

Explanation: A computer is a machine or device that can be programmed to perform arithmetic or logic operation sequences automatically. The computer understands only binary codes (0s & 1s).

3.

What is the full form of CPU?

* Computer Processing Unit
* Computer Principle Unit
* Central Processing Unit
* Control Processing Unit

Explanation: CPU stands for Central Processing Unit. CPU is the part of a computer system that is mainly referred to as the brain of the computer.

4.

Which of the following languages does the computer understand?

* Computer understands only C Language
* Computer understands only Assembly Language
* Computer understands only Binary Language
* Computer understands only BASIC

Explanation: The Computer understands only binary language which is written in the form of 0s & 1s. A computer can understand assembly language but an assembler is required which converts the assembly language to binary language. Similarly, for understanding high level languages, compilers/interpreters are required.

5.

Which of the following is the brain of the computer?

* Central Processing Unit
* Memory
* Arithmetic and Logic unit
* Control unit

Explanation: The CPU is referred to as the brain of a computer. It consists of a control unit and an arithmetic and logic unit. It is responsible for performing all the processes and operations.

6.

Which of the following is a characteristic of a computer?

* Versatility
* Accuracy
* Diligence
* All of the above

7.

Which of the following is the smallest unit of data in a computer?

* Bit
* KB
* Nibble
* Byte

Explanation: A bit is defined as the smallest unit of data in a computer system. It is used as a short form of Binary Digit. A bit can have only two values 0 or 1. A nibble comprises 4 bits, a byte is a collection of 8 bits whereas KB (Kilobyte) is equal to 1024 bytes.

8.

Which of the following are physical devices of a computer?

* Hardware
* Software
* System Software
* Package

Explanation: Hardware refers to the physical devices of a computer system. Software refers to a collection of programs. A program is a sequence of instructions.

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