

ST. ANDREWS SCOTS SR. SEC. SCHOOL
9th Avenue, I.P Extension, Patparganj, Delhi – 92
Session : 2024 - 25

Class : VI

Subject: Computer

Topic: Ch-8 notes

Choose the correct option:

1. (a) Programming
2. (b) Assembly language
3. (a) SQL
4. (b) Less time

Tick (√) the correct statements and cross (x) the wrong ones:

1. √
2. X
3. √
4. √

Answer the following questions:

Ans 1: To communicate with the computers, we need some special languages which are called computer languages or programming languages.

Ans 2: The main advantage of high level language is that they are user friendly and easier to maintain.

Ans 3: A language translator is a software that converts a high-level language program into a machine language.

Ans 4: A low level language is a programming language that is machine dependent.

There are two categories of low level languages:

- i. Machine language
Machine language is the only language understood by the computer. It is also known as the first generation language (1 GL)
- ii. Assembly language
Assembly language is also known as second generation language (2GL). It is the language in which program codes are written in the form of alphanumeric symbols called 'Mnemonics' instead of 0 and 1.

Ans 5: A compiler is a software that converts the entire source program into machine language before executing it. It converts the entire high-level language program into machine language at once.

An interpreter is a software that converts the entire source program into machine language before executing it. It translates and executes one statement at a time.

SCRATCH YOUR BRAIN

Q2. (a) Fourth Generation Language

(b) Interpreter