

EMMANUEL MISSION SR SEC SCHOOL, BEAWAR
ONLINE CLASSES
WEEK – 4 (05.05.2020)

CLASS – VII

CLASS - VII (Week 4)

English II: <https://youtu.be/s86H9d0y2aA>

Hindi-I: <https://youtu.be/6Ja3y4zcx8Y>

Mathematics: <https://youtu.be/jWMKiOhUuuE>

General Science: <https://youtu.be/9Mli87s-9z0>

Social Studies: https://youtu.be/QQcredAJ3_M

Sanskrit: <https://youtu.be/BouGUouoopc>

Computer: Kindly see below.

Physical Education: <https://youtu.be/cQCGQIk7k1Q>

Music(Guitar): <https://youtu.be/SIA7hvdz8go>

Music(Keyboard): <https://youtu.be/pMRzLEOae1s>

Health & Sanitation: <https://youtu.be/8haDLnn-Zog>

Art Education: https://youtu.be/2mKtxvmQ_sM

CLASS – VII

SUB- COMPUTER

LESSON-1

QUESTION ANSWER



Exercise Objective Type Questions

1. Tick (✓) the correct option.

- a. _____ level languages are easier for a human programmer to understand.
i. High ☒ ii. Low ☐ iii. Machine ☐
- b. _____ converts a program written in assembly level languages into machine level language i.e. assembly code into machine code.
i. Compiler ☐ ii. Interpreter ☐ iii. Assembler ☒
- c. _____ a simple language used to draw figures and do sums.
i. Java ☐ ii. C ☐ iii. LOGO ☒
- d. _____ simply means to remove errors in a program.
i. Checking ☐ ii. Programming ☐ iii. Debugging ☒
- e. _____ a general-purpose, procedural, imperative programming language that is especially suited to numeric computation and scientific computing.
i. Pascal ☐ ii. Fortran ☒ iii. C++ ☐
- f. _____ language it is used for business purpose.
i. COBOL ☒ ii. C ☐ iii. Smalltalk ☐

2. Fill in the blanks:

- a. A program is written in specific language called _____.
- b. A person who writes a program is known as a _____.
- c. Low level languages are _____ languages.
- d. Assembly language programs use symbols called _____.
- e. C++ is a _____ language.
- f. The computer understands programs written in _____.

ANSWERS : (a) Programming language (b) Programmer (c) Machine Oriented (d) Mnemonics

(e) High level language (f) Binary digits.

3. Write (T) for true and (F) for false for the following statements in the boxes given below.

- | | |
|---|----------------------|
| a. A program is a set of instructions. | <input type="text"/> |
| b. A program written in assembly language is called compiler code. | <input type="text"/> |
| c. High level languages are easier to understand. | <input type="text"/> |
| d. There are three types of translators. | <input type="text"/> |
| e. A person who writes a program is called a programmer. | <input type="text"/> |
| f. Programming is defined as the process of designing, writing, testing, debugging and documenting a program. | <input type="text"/> |
| g. A computer understands programs written in Foreign Language. | <input type="text"/> |
| h. High level languages are easier to understand by human programmers. | <input type="text"/> |

ANSWER 3: (a) . TRUE (b) FALSE (c) TRUE (d) TRUE (e) TRUE (f) TRUE (g) FALSE (h) TRUE

4. Write the full forms of the following.

- a. BASIC
- b. LOGO
- c. FORTRAN
- d. COBOL

ANSWER 4: (a) Beginners all purpose symbolic instruction code

(b) Language of graphic oriented

(c) Formula translation

(d) Common bussiness oriented language.

ANSWER THE FOLLOWING QUESTION:-

ANS 1 (a) : Low level language are machine oriented languages which are directly understood by the computer. Ex: Machine language, Assembly language.

ANS 1 (b): High level languages are easier for the programmer to understand, they are not dependent on any particular machine. These languages used mathematical and English symbols. Ex: COBOL, C++, JAVA.

ANS 1(C) : Compiler : This is a translator that converts the program written in high level language into machine language. It convert the whole program in a single operation

Interpreter:- This is a translator that convert the program into machine language step by step. It is a slow process and consumes more memory.

ANS 1 (d):- Examples of high level languages are:- BASIC, FORTRAN, COBOL, PASCAL ,LOGO, C, C++,JAVA.

ANS 1 (e) (i):- BASIC:- It stands for beginners all purpose symbolic instruction code. It is very simple high level language.

ANS 1 e(ii):- JAVA:- It is a high level language developed by Sun Microsystems, it uses the concept of object oriented programming. It is widely used now a days by the programmer.

ANS 1 e (iii):- C:- It a powerful computer language, it uses structured programming approach, it is used for developing application programs.

ANS 1 e(iv):- C++:- It is an enhancement of C language, it uses the concept of object oriented programming. It is user friendly and used to develop different applications

ANS (f):- Advantage of Machine language:- This is easily understood by the computer, so no translator is required.

Advantage of Assembly language:- This language is easier to understand by the programmer than machine language.

ANS (g):- Drawbacks of Machine Language:-

- (i) It is a machine dependent language, means code of one machine cannot run on any other machine.
- (ii) It is very long and tiresome to write a program in machine language.

ANS (h):- Features of Assembly language:- This language used letters and symbols instead of digits. These symbols are called mnemonics.

- This language is easy to understand.
- It used assembler for translating assembly code into machine code.

Drawbacks of Assembly language:- Since computer understand only machine language so translator is required here to convert assembly code to machine code.

- Programming is very tiresome and time consuming.
- This is also machine dependent language.