Topic – Language translators and Programming Languages

Subject: COMPUTER SCIENCE   **Class - 11**   **F.M:15**

Chapter: Software and Languages   **Date: 09/07/2020**

Choose the correct answer for each question: [15 X 1 = 15]

1. What is the only language that a computer understands directly?
    a. English
    b. BASIC
    c. Machine language
    d. Assembly language

2. Which among the following is used to translate assembly code?
    a. Assembler
    b. Compiler
    c. Interpreter
    d. Debugger

3. The execution of compiler compared to interpreter is _____.
    a. Faster
    b. Slower
    c. Remains the same
    d. None of these

4. _____ translates entire source code in one go.
    a. Assembler
    b. Compiler
    c. Interpreter
    d. Debugger

5. Example of Interpreter:
    a. Python
    b. Javascript
    c. Ruby
    d. All of these

6. Which among the following is not used to translate high level languages?
    a. Assembler
    b. Compiler
    c. Interpreter
    d. Debugger

7.

What is 'X'?

    a. Machine level code

    b. High level code

    c. Assembly level code

    d. None of these

8. Which translator stops when it encounters an error?

    a. Assembler

    b. Compiler

    c. Interpreter

    d. Debugger

9. _____ uses mnemonics to create instructions for computer.

    a. High-level language

    b. Binary language

    c. Assembly language

    d. All of these

10. Which among the following is similar to English language?

    a. High-level language

    b. Binary language

    c. Assembly language

    d. All of these

11. What is meant by source code?

    a. The final executable program

    b. The code written by the programmer

    c. The additional information about errors

    d. Code relating to sources of information on the Internet

12. _____ links the program with other programs needed for its execution.

    a. Assembler

    b. Compiler

    c. Interpreter

    d. Linker

13. Which language translator produces object code and an error report?

    a. Assembler

    b. Compiler

    c. Interpreter

    d. Debugger

14. Which among the following is NOT an example of compiler?

    a. C++

    b. C

    c. Python

    d. Java

15. A program which interprets each line of high level program at time of execution is called:
   a. Assembler
   b. Compiler
   c. Interpreter
   d. Debugger

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