



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



WORKSHEET - 14 (ANSWER KEY)

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

Phalguni Pramanik