ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORSHEET -2

Topic – Software and Computer Languages

Subject: COMPUTER   **Class - 7**   **F.M:15**

Chapter: About a Computer   **Date: 18/01/2021**

Choose the correct answer for each question: 15x1=15

1. An interpreter or compiler converts _____ language into binary code.
   a. Assembly
   b. High
   c. Low
   d. All of these

2. Consider the following statements and choose the correct option:
   (I) we can convert a decimal number into its binary form.
   (II) we can convert a binary number into its decimal form
   a. Statement (I) is true and Statement (II) is false
   b. Statement (I) is false and Statement (II) is true
   c. Both the statements are true
   d. Both the statements are false

3. Which of the following is NOT an example of application software?
   a. MS Word
   b. MS Paint
   c. MS Excel
   d. Windows

4. Consider the following statements and choose the correct option:
   (I) Computer can understand binary language
   (II) Binary language expresses a number in terms of 0 and 1.
   a. Statement (I) is true and Statement (II) is false
   b. Statement (I) is false and Statement (II) is true
   c. Both the statements are true
   d. Both the statements are false

5. Which computer language gives instructions in the form of abbreviations?
   a. High-level language
   b. Low-level language
   c. Assembly language
   d. All of these

6. A system software _____ various applications on the computer.
   a. Operates
   b. Controls
   c. Executes
   d. All of these
7. Convert $(5)_{10}$ into its binary form:
   a. 100
   b. 101
   c. 110
   d. 111
8. Convert $(17)_{10}$ into its binary form:
   a. 1001
   b. 1000
   c. 1110
   d. 1111
9. Convert $(280)_{10}$ into its binary form:
   a. 110011000
   b. 100011000
   c. 100011100
   d. 100011110
10. Convert $(101)_{10}$ into its binary form:
    a. 1110100
    b. 1100101
    c. 1110101
    d. 1100111
11. Convert $(101)_2$ into its decimal form:
    a. 1
    b. 2
    c. 100
    d. 5
12. Convert $(1001)_2$ into its decimal form:
    a. 14
    b. 16
    c. 17
    d. 18
13. Convert $(100011000)_2$ into its decimal form:
    a. 201
    b. 280
    c. 301
    d. 381

14. Convert $(1100101)_2$ into its decimal form:
    a. 101
    b. 110
    c. 111
    d. 001
15. An _____ translates the assembly language to binary code.
    a. Interpreter
    b. Compiler
    c. Assembler
    d. All of these

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