ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORSHEET -2 (Answer Key)

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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