FORMATIVE ASSESSMENT - FIRST MID TERM

COMPUTER SCIENCE

Max. Marks: 25

Std - VII

Time: 1½ Hrs

Name of the School:	Name of the Student:
Place:	Roll No.:

I. Choose the best answers: **3 x 1 = 3**

1. The speed of a CPU chip is measured in _____.

    a) Mega Hertz   c) Both a and b

    b) Giga Hertz   d) Hertz

2. There are _____ different coloured audio ports on the motherboard.

    a) 2   c) 4

    b) 3   d) 5

3. _____ is the systematic search for the source of a Problem.

    a) Port   c) Virtual memory

    b) Trouble shooting   d) caching

II. Fill in the blanks: **3 x 1 = 3**

1. Ports can be divided into _____ and _____.

2. _____ contains many ICS which are connected by wires.

3. _____ is a permanent type of memory storage used by the computer.

III. Expand the following: **4 x 1 = 4**

1. UPS   _____

2. BIOS   _____

3. VGA   _____

4. PS/2   _____

IV. Answer the following: (Any 5)   **5 x 2 = 10**

1. Write an AND formula to determine if A2>A3 and A2<A4 is a true or false statement.

2. What is Caching?

3. What is Expansion card?

4. What is a Motherboard?

5. Write an OR formula to determine if A2>A3 or A2<A4 is a true or false statement.

6. What is the use of a UPS?

V.   Answer in detail: (Any 1)   **1 x 5 = 5**

1. List out some instructions to trouble shoot a computer.

2. a. Write an IF statement so that if the number in cell A2 is less than 100 the formula displays the text "Within budget" otherwise the formula displays the text "Over budget".

   b. Write an IF statement so that if the number in cell A2 is 100 then the formula sums the range B5:B15, otherwise the formula returns a blank (empty text).