

The Village International School

Computer System

Worksheet No 1

Name-..... Class.....

- 1) Convert $(97)_{10}$ to Binary.

- 2) Convert $(11001101110)_2$ to octal.

- 3) If the result of any logical statement is always true it is _____

- 4)

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Boolean Algebra

Worksheet No 2

Name..... Class.....

1. State which of the following are logical statement

1. Try to run faster
2. India is the world champion of world cup 1983
3. Why did you come late?
4. Are you happy with your performance

2. Prove the following using truth table:

1. $X \cdot (X+Y) = X$

3.

Draw the logic gates for

- . NOT
- . AND
- . OR

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