



**CLASS - VI**

**WEEK : 23<sup>rd</sup> - 27<sup>th</sup> November 2020**

**SUBJECT : COMPUTER**

**CLASS : VI**

**Chapter – 4 Excel Formula and Function**

**NUMBER OF BLOCKS : 1**

**GUIDELINES**

Dear Students

- Attempt the assignment questions in Computer notebook.
- Read the lesson from the textbook also.

**SUB TOPIC :**

1. Introduction to Formula
2. Operators and types of operators

**INSTRUCTIONAL AIDS :**

- YouTube link : [https://www.youtube.com/watch?v=88fypeld\\_UM](https://www.youtube.com/watch?v=88fypeld_UM)
- Presentation by Screen Sharing
- Microsoft Excel Software

**LEARNING OUTCOMES**

By the end of this lesson ***each learner will be able to:***

- Understand the concept of Formulas and operators in MS Excel

**INTRODUCTION ACTIVITY :-**

There are two types of data in excel : **Constant and Formulas**

1. **Constant:** The values which are directly entered in the cell.
2. **Formula :** It is a sequence of values, names of functions or operators.

**Operators**

A formula can contain one or more operators. It specifies the type of calculation that you want to perform.

### Arithmetic Operators

To perform basic mathematical operations such as addition, subtraction, or multiplication—or to combine numbers—and produce numeric results, use the arithmetic operators in this table.

Arithmetic operator	Meaning	Example
+ (plus sign)	Addition	=3+3
- (minus sign)	Subtraction Negation	=3-1 =-1
* (asterisk)	Multiplication	=3*3
/ (forward slash)	Division	=3/3

### Comparison Operators

With the operators in the table below, you can compare two values. When two values are compared by using these operators, the result is a logical value either TRUE or FALSE.

Comparison operator	Meaning	Example
= (equal sign)	Equal to	=A1=B1
> (greater than sign)	Greater than	=A1>B1
< (less than sign)	Less than	=A1<B1
>= (greater than or equal to sign)	Greater than or equal to	=A1>=B1
<= (less than or equal to sign)	Less than or equal to	=A1<=B1

Comparison operator	Meaning	Example
<> (not equal to sign)	Not equal to	=A1<>B1

### Assignment

1. What do you understand by the term Formula?
2. Name any three comparison operators.
3. Based on the following worksheet write the formula:

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	Subject Name	Marks in Cycle test 1	Marks in Cycle test 2	Formula		
2	English	15	17			
3	Hindi	18	17			
4	Maths	19	19			
5	Science	18	20			
6	Social Science	16	20			
7						
8						
9						
10						

- a) To evaluate whether the marks are equal in Maths for both the cycle tests.
- b) To evaluate the difference of marks in Hindi subject.
- c) To compare the marks in English Subject.