

Std : 6

Ch : 4 Calc – Formula and Function

Textual Exercises

Que. A Tick the Correct answer.

1. _____ is a sequence of cell reference and operators to do calculation.
 - a. Reference
 - b. Formula**
 - c. Value
2. _____ are specific values used in particular order to perform calculations in functions.
 - a. **Arguments**
 - b. Number
 - c. Digit
3. A range name must start with a _____.
 - a. Number
 - b. Letter**
 - c. Symbol
4. The range reference includes both anchor points separated by a _____.
 - a. **Colon**
 - b. Hyphen
 - c. Comma
5. Sum button is represented by _____ Symbol.
 - a. Σ
 - b. $f \pi$
 - c. π

Que. B True / False :

1. Formula bar shows the formula you are using in active cell. [T]
2. Operators specify the type of calculation, you want to perform. [T]
3. A formula is a ready-made operation to perform a calculation. [F]
4. PMT function calculated the payment for a loan based on constant payments and a constant interest rate. [T]
5. Goal Seek immediately attempts to apply the function to the adjacent cells. [T]

Que. C Fill in the Blanks:

1. Calc recognizes any data as a **Formula** when it begins with an equal to sign (=).
2. **Constant** and **Formula** are two ways of entering data in the Calc.
3. **Operator Precedence** is used to change the order in which Calc performs calculations.
4. **Arithmetic** operators are used to perform mathematical calculations.
5. **Autofill** feature will quickly copy formulas across rows or columns.
6. A formula using the **Absolute** cell reference keeps the cell reference constant.

Que . D Differentiate between the following:

1. **Formula** : A formula is an expression which calculates the value of a cell. Formula in calc starts with an equal to (=) sign.
Function : A Function is a predefined formula in Calc. It is a piece of code designed to calculate specific values and is used inside formulas.
2. **Absolute Referencing** : A formula using the absolute cell reference instructs calc to keep the cell reference constant in the formula as it copies it to the destination area.

✚ **Relative Referencing** : A formula using the relative cell reference instructs calc to adjust the cell reference as it copies to the destination area.

Que. E Answer in one – two sentence:

1. What is cell reference ?

Ans : Every cell in a worksheet has a unique address cell reference. By default, cells are identified by a specific column letter and row number.

2. What are operators? Name the different types of operators.

Ans : An operator specifies the type of calculation we want to perform. The various types of operators are : Arithmetic Operators, Comparison Operators , Reference Operators , and Logical operators.

3. What is the use of PMT function?

Ans : Payment (PMT) function is used to calculate the payment for a loan based on constant payments and a constant interest rate.

4. What is Goal Seek feature?

Ans: Goal seek feature is used to show how we can reach our goal by adjusting one of the loan terms such as interest rate or loan amount.

: Extra Notes :

Answer in one sentences:

1. What is called the values which are directly entered in the cell?

Ans : Constant Values.

2. What is called a group of related cells in a worksheet ?

Ans : Cell range

3. What is called every cell in a worksheet has a unique address ?

Ans : Cell reference

4. How many types of operator in Calc?

Ans: Four

5. What is called a group of related cells?

Ans : A range

6. Which function is used to display the highest value in a range in calc?

Ans : Max Function

7. Which function is used to display the total value in a range in calc ?

Ans : SUM Function

8. Which Feature to get the sum of particular numbers in a field?

Ans : Conditional sum

9. How many types of Cell reference in Calc?

Ans : Three (Relative, Absolute and Mixed)

10. What is called different formats for displaying numerical data?

Ans : Number Formats