

Course
&
Test Series

Use of Count, Count A and Count Blank Function in MS Excel

Microsoft Excel

 **CBSE**

Module 22 - Count, Count A and Count Blank Function in MS - Excel

In Microsoft Excel, the functions COUNT, COUNTA, and COUNTBLANK are used to count the number of cells in a range based on different criteria:

In Excel Count, Counts cells that containing numbers , Count A counts cells that aren't blank and (including those texts, numbers or even errors) and Count blank counts cells that explicitly empty.

 **ICSE**

COUNT:

- **Purpose:** Counts the number of cells that contain **numeric data** in a specified range.
- **Usage:** =COUNT(range)
- **Example:** If you have a range of cells A1:A5 with values (1, 2, "Hello", 4, ""), =COUNT(A1:A5) will return 3 because there are three numeric values (1, 2, and 4).

 **NTSE**

COUNT A:

- **Purpose:** Counts the number of cells that contain **any kind of data**, including numbers, text, logical values, and error values, but **ignores blank cells**.
- **Usage:** =COUNTA(range)
- **Example:** If you have the same range A1:A5 with values (1, 2, "Hello", 4, ""), =COUNTA(A1:A5) will return 4 because it counts the non-blank cells, including the text "Hello" and numbers.

 **Banking & Insurance**

COUNTBLANK:

- **Purpose:** Counts the number of **empty or blank cells** in a specified range.
- **Usage:** =COUNTBLANK(range)
- **Example:** If you have a range A1:A5 with values (1, 2, "Hello", 4, ""), =COUNTBLANK(A1:A5) will return 1 because there's one blank cell (the one that is empty).

 **Central Govt. Service**

 **State Govt. Services**

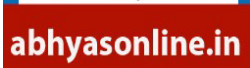
 **LAW Entrance**

 **MBA Entrance**

 **Railways & Metro Services**

...many more
abhyasonline.in

**Course
&
Test Series**



Use of Count, Count A and Count Blank Function in MS Excel

Difference between COUNT, COUNTA, and COUNTBLANK in a tabular form :-

Function	Description	Counts	Example
COUNT	Counts the number of cells that contain numbers.	Only numeric values (numbers, dates, times)	=COUNT(A1:A5) counts how many cells in the range contain numbers.
COUNTA	Counts the number of non-empty cells, including numbers, text, logical values, and errors.	Non-empty cells (numbers, text, logical values, errors)	=COUNTA(A1:A5) counts all non-empty cells in the range, including text.
COUNTBLANK	Counts the number of empty (blank) cells in a range.	Blank cells (cells with no value)	=COUNTBLANK(A1:A5) counts how many cells in the range are empty.

COUNT Function:

• **Purpose:** Counts the number of cells that contain **numbers** in a range.

Example:

Suppose you have the following data in cells A1 to A5:

FORMULA: = COUNT(A1:A5)

Result: Will be 3

• The COUNT function only counts the cells with numeric values (5, 10, and 15), so it returns 3.

COUNTA Function:

• **Purpose:** Counts the number of **non-empty** cells in a range (includes numbers, text, logical values, and errors).

Example:

Using the same data as above (A1 to A5):

	A	B	C
1	5		
2	10		
3	Text		
4	15		
5			
6			
7			
8			
9			



**Course
&
Test Series**

Use of Count, Count A and Count Blank Function in MS Excel

FORMULA: =COUNTA(A1:A5)

Result: Will be 4

• The COUNTA function counts all non-empty cells: 5, 10, Text, and 15. It ignores the empty cell in A5.

COUNTBLANK Function:

• **Purpose:** Counts the number of empty cells in a range.

Example:

Using the same data as above (A1 to A5):

FORMULA: =COUNTBLANK(A1:A5)

Result: Will be 1

• The COUNTBLANK function counts how many cells are empty in the range. In this case, only cell A5 is empty, so it returns 1.

ASSIGNMENT

Use the Count, Count A and Count Blank function from the following table:

	A	B	C	D
1	Name	Activity	Age	
2	Aarav	Playing Chess	25	
3	Meera	Painting	22	
4	Rajesh	Gardening		
5	Sanya	Reading Novels	28	
6	Vikram	Trekking	30	
7	Pooja	Singing		
8	Rohan	Photography	27	
9	Neha	Cooking	24	
10	Aditya	Playing Guitar		
11	Ishita	Dancing	26	
12				
13				

...many more

abhyasonline.in