MCQ on Excel Formulas

Name	Gender	Department	Date Joined	Salary
Rachel Green	Female	Human Resource	1-Mar-22	$25,010
Ross Geller	Male	Marketing	6-Mar-22	$35,600
Joey Tribbiani	Male	Finance	7-Mar-22	$42,150
Chandler Bing	Male	Human Resource	17-Mar-22	$102,000
Monica Geller	Female	Accounting	25-Mar-22	$28,300
Phoebe Buffay	Female	Accounting	26-Mar-22	$34,500
Ben Van Lier	Male	Human Resource	31-Mar-22	$95,000
Adam King	Male	Finance	15-Apr-22	$12,500
Rowan Bettjeman	Male	Marketing	20-Apr-22	$35,623
Ellie Harwood	Female	Finance	25-Apr-22	$66,785
Britt Scott Clark		Sales	7-May-22	$135,430
Alan Morrison	Male	Sales	11-May-22	$187,020
Hamish Parkinson	Male	Human Resource	20-May-22	$98,456
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Philip Hugo	Male	Sales	1-Jan-22	$252,200
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Leah Heather		Marketing	25-Apr-22	$77,804

Multiple Choice Questions

Q1. To find the number of empty cells, you will use -

(a) =COUNT(B5:F24)

(b) =COUNTA(B5:F24)

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(d) =DCOUNT(B5:F24)

Q2. To display the applied formula to a cell, you should use -

(a) =FORMULATEXT(Cell_Reference)

(b) =TEXTFORMULA(Cell_Reference)

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(d) =SHOWFORMULA(Cell_Reference)

Q3. Which of the following functions will you use to count the numbers in the dataset?

(a) =COUNT(B5:F24)

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(c) =COUNTNUM(B5:F24)

(d) =DCOUNT(B5:F24)

Q4. To find the maximum salary, you can use -

(a) =MAX(F5:F24)

(b) =LARGE(F5:F24,1)

(c) =AGGREGATE(4,0,F5:F24)

(d) All of the above

Q5. You can find the mean of the salaries using -

(a) =AGGREGATE(2,0,F5:F24)

(b) =AVERAGE(F5:F24)

(c) =MEAN(F5:F24)

(d) All of the above

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(a) =COUNTA(C5:C24)

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(d) None of these

Q7. How many functions are included in the AGGREGATE function -

(a) 17

(b) 18

(c) 19

(d) 20

Q8. To find the string size (number of characters) for the name column, you will use -

(a) =LEN(B5:B24)

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(c) =STRINGLENGTH(B5:B24)

(d) =LENGTH(B5:B24)

Q9. If you want to count the number of employees whose name begins with R, you can use -

(a) =COUNTIF(B5:B24,R*)

(b) =COUNTIF(B5:B24,"R*")

(c) =COUNTIF(B5:B24,"R")

(d) =COUNTIF(B5:B24,"*R")

Q10. To calculate the space position in the name column, you can use -

(a) =FIND(" ",B5:B24,1)

(b) =SEARCH(" ",B5:B24,1)

(c) =AGGREGATE(" ",B5:B25,1)

(d) Both a&b

Q11. The difference between the SEARCH and FIND function is -

(a) The FIND function is case sensitive and the SEARCH function is not.

(b) The SEARCH function is case sensitive and the FIND function is not.

(c) There is no difference between them, only for compatibility, both are listed.

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(c) COUNT

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Q13. The function to find the highest salary value is -

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(b) MAXIMUM

(c) AGGREGATE

(d) Both a & c

Q14. The total value of salary for the male employees can be calculated by using -

(a) SUMIF

(b) IFS

(c) MAX

(d) INDEX-MATCH

Q15. To find the employee who received the most salary, you will use the following formula -

(a) =INDEX(B5:B24,MATCH(MAX(F5:F24),F5:F24,0))

(b) =INDEX(B5:B24,MATCH(MAX(F5:F24),F5:F24,1))

(c) =INDEX(B5:B24,MAX(F5:F24),0)

(d) =INDEX(B5:B24,MATCH(MAX(F5:F24),F5:F24,-1))

Q16. To find the distinct job department names, you can use -

(a) AGGREGATE

(b) UNIQUE

(c) Combination of IFERROR, INDEX, MATCH

(d) Both b & c

Q17. To extract the day value from the Date Joined column, which of the following features can be used?

(a) DAY Function

(b) Insert an adjacent helper column and use Flash Fill

(c) LEFT Function

(d) Both a,b & c

Q18. Which function can be used to determine the number of empty cells in the dataset?

(a) COUNT

(b) COUNTA

(c) COUNTBLANT

(d) COUNTBLANK

Q19. Using which function from the list you can return a random name -

(a) =INDEX(B5:B24,MATCH(RANDBETWEEN(1,20),B5:B24,0))

(b) =INDEX(B5:B24,RANDBETWEEN(1,20))

(c) =INDEX(B6:B25,RAND())

(d) =INDEX(B6:B25,RAND(20))

Q20. To determine the number of salary greater than $100,000 AND dates joined after 30th April, the following formula nee

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(a) =COUNTIFS(F5:F24,">100000",E5:E24,">44681")

(b) =COUNTIF(F5:F24,">100000")+COUNTIF(E5:E24,">44681")

(c) Both a & b

(d) None of these

Q21. To determine the number of salary greater than $100,000 OR dates joined after 30th April, the following formula need

(a) =COUNTIFS(F5:F24,">100000",E5:E24,">44681")

(b) =COUNTIF(F5:F24,">100000")+COUNTIF(E5:E24,">44681")

(c) Both a & b

(d) None of these

Q22. To calculate the average salary by the male employees, the following formula need to be used -

(a) =AVERAGEIF(C5:C24,"Male",F5:F24)

(b) =AVERAGEIFS(C5:C24,"Male",F5:F24)

(c) =IF(C5:C24="Male",AVERAGE(F5:F24),"")

(d) =MEANIF(C5:C24,"Male",F5:F24)

Q23. To find the arithmetic mean, you can use the following function -

(a) MEAN

(b) AVERAGE

(c) GEOMEAN

(d) MIDPOINT

Q24. Shortcut to apply the SUM function is -

(a) Alt+=

(b) Ctrl+=

(c) Shift+=

(d) Ctrl+Alt+=

Q25. To return value from the left side of the matched value, we can use -

s to be used -

(a) VLOOKUP Function

(b) Combination of VLOOKUP and IF Functions

(c) HLOOKUP Function

(d) ZLOOKUP Function

Q26. Which formula is correct for returning the name of the employee for the $25,010 salary?

(a) =VLOOKUP(F5,IF({1,0},F5:F24,B5:B24),2,0)

(b) =ZLOOKUP(F5,F5:F24,B5:B24)

(c) =XLOOKUP(F6,F5:F24,B5:B24)

(d) Both a&c

Q27. The cell C15 is empty and F15 is $135,430. So, the output of =C15*F15 is -

(a) $135,430

(b) 0

(c) #VALUE!

(d) #DIV/0

Q28. Which of the following functions will you use to determine the number of values in the Salary column?

(a) NUM

(b) NUMBER

(c) COUNT

(d) None of these

Q29. If you want show the current date with time, you can use -

(a) =NOW()

(b) =TODAY()

(c) Both

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Q30. Which of the formulas will you use to round up the salary figure from cell F17 to the nearest thousand?

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(b) =FLOOR.MATH(F17,1000)

(c) =CEILING.MATH(F17,1000)

(d) =ROUNDUP(F17,1000)

Q31. You can assign sequential serial number (1,2,3, etc.) to the rows by using the formula and AutoFill -

(a) =ROWS($B$5:B5)

(b) =ROWS(B5)

(c) =ROW(B5)-3

(d) Both a&c

Q32. Which of the following are not valid Excel functions -

(a) NUM

(b) MEANS

(c) TRUE

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Q33. Which of the following functions is available but not shown in Excel Tooltip?

(a) DATEVALUE

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Q38. Which of the following shortcuts can be used to use the Flash Fill feature?

(a) Ctrl+F

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(a) =MOD(100,3)

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Q43. Which of the following formula contains an error?

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output. Here X is -

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Q46. Which of the following functions was introduced in Excel 2019?

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