

**Grade 10 | Electronic Spreadsheet | MCQ Paper**

➤ Question 01 and 02 are based on the spreadsheet segment given below.

	A	B
1	20	67
2	12	23
3	45	54
4	21	34

1. What is the correct formula to be written in cell A5 to display the largest number in the cell range A1:A4? (2015)

- 1) =count (A1:A4)
- 2) =max (A1:A4)
- 3) =rank (A1:A4)
- 4) =sum (A1:A4)

2. What is the formula to be written in cell B5 to display the number of entries in cell range A1:B4? (2015)

- 1) = count (A1:B4)
- 2) = max (A1:B4)
- 3) = min (A1:B4)
- 4) = sum (A1:B4)

3. The formula = 2 ^ 5 + 16 is entered into a cell in a spreadsheet. What value will be displayed in the cell? (2015)

- 1) 26
- 2) 32
- 3) 42
- 4) 48

➤ Questions 04 and 05 are based on the given spreadsheet segments.

	A	B	C
1	1	2	3
2	4	5	6
3	5		
4			

4. Which of the following will appear in cell C3 if the formula = count (A1:B3) is entered to cell C5? (2016)

- 1) 1
- 2) 3
- 3) 5
- 4) 6

5. The cell A3 contains the formula = sum (\$A1 : A2). Which of the following will appear in cell B3 if the formula is copied to cell B3? (2016)

- 1) 5
- 2) 7
- 3) 11
- 4) 12

6. Consider the following statements regarding tasks carried out on a spreadsheet file in a folder by a right handed user: (2017)

- A - Place the mouse pointer on the file and single click the right button of the mouse
  - B - Place the mouse pointer on the file and double-click the right button of the mouse
  - C - Place the mouse pointer on the file and double-click the left button of the mouse
- Which of the above result/s in opening the spreadsheet file?

- 1) A only
- 2) B only
- 3) C only
- 4) A and C only

7. What would be the number displayed, if formula =2^3 + (5-3)\*6/4 is entered in a cell of a spreadsheet? (2017)

- 1) 5
- 2) 8.5
- 3) 11
- 4) -1.25

➤ Questions 08 and 09 are based on the given spreadsheet and information given below.

Circumference of a circle can be calculate with the formula  $2\pi r$  where  $r$  is the radius of the circle. Assume that the value of  $\pi$  is given in cell C2.

	B	C	D
1	Radius	Circumference	$\pi$
2	20	125.6637061	3.14159
3	21	131.9468915	
4	25	157.0796327	
5	22	138.2300768	

8. What formula should be entered into cell B2 to calculate the circumference of the circle? (2017)

- 1) = 2\*\$C\$2\*A2
- 2) = 2\*\$C2^\$A2

3) = 2\*C2^A2

4) = 2^C2^A2

9. Which the following will appear in cell A6 if the formula =SUM (A2:A5) / COUNT (A2:A5) is entered in cell A6? (2017)

- 1) 1
- 2) 17.6
- 3) 22
- 4) 88

➤ Questions No 10 and 11 are based on the spreadsheet segment shown below.

➤ Values of y are to be calculated using the equation,  $y = px^2 + qx + r$  for given values of x. Values for p, q and r constants are given in cells B1, B2 and B3 respectively; values for x are given in the cell range C2:C6.

10. What is the formula that has to be written in cell D2 to get the value of y when x = -2? (2018)

- 1) = \$B\$1\*C2\*C2+\$B\$2\*C2+\$B\$3
- 2) = B1+C2\*C2+B2\*C2+\$B\$3
- 3) = (B1\*C2)^2+\$B\$2\*C2+\$B\$3
- 4) = \$B\$1\*\$C\$2\*\$C\$2+\$B\$2+C2+\$B\$3

	A	B	C	D
1	p	2	x	y
2	q	3	-2	
3	r	5	-1	
4			0	
5			1	
6			2	

11. Assume that you have copied the formula in D2 to cell range. D3:D6 to get the other values of y. What is the formula to be written in cell D7 to get the highest value of y? (2018)

- 1) = AVERAGE (D2:D6)
- 2) = COUNT (D2:D6)
- 3) = MAX (D2:D6)
- 4) = MIN (D2:D6)

12. What would be displayed if the formula = (6 - 2) ^ 2 + (5 + 4) / 3 is entered into a cell in a spreadsheet?

- 1) 5
- 2) 8.33
- 3) 19
- 4) 22.3

13. Consider the range of cells given as (A3:C4) in a spreadsheet. Which of the following cells are included in this range? (2019)

- 1) A3 and C4 only
- 2) A3, B3 and C3 only
- 3) A3, A4, C3 and C4 only
- 4) A3, B3, C3, A4, B4 and C4 only

➤ Consider the following spreadsheet segment with the formula = B2 \* B\$5 written into cell C2.

	A	B	C
1	Name	Sales (Rs)	Commission (Rs)
2	A. Dias	50000	5000
3	B. Sivarajah	60000	
4			
5	Precentage:	0.1	
6			

14. What would be displayed in the cell C3 if the formula in cell C2 was copied to cell C3? (2019)

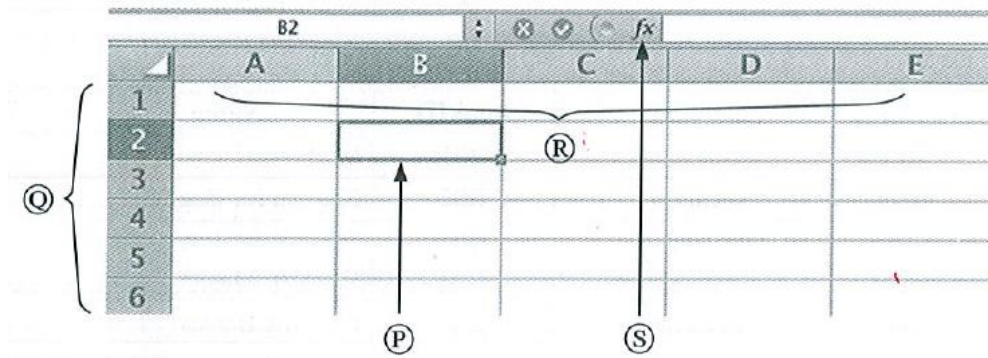
- 1) 0
- 2) 5000
- 3) 6000
- 4) 60000

15. In the given spreadsheet segment, cells A1 and B1 display values of 40 and 50 respectively. After entering the formula = A\$1 + B\$1 to the cell C1, it displays the value 90 in C1. If the formula in cell C1 is copied to the cells C2 and D1, what will be the values displayed in cells C2 and D1 respectively? (2020)

	A	B	C	D
1	40	50	90	
2				

- 1) 90 and 90
- 2) 90 and 140
- 3) 90 and 50
- 4) 50 and 90

- Consider the following spreadsheet segment with four components labelled as P, Q, R and S.



16. Which of the following represents the P, Q, R and S labels in the correct order? (2020)

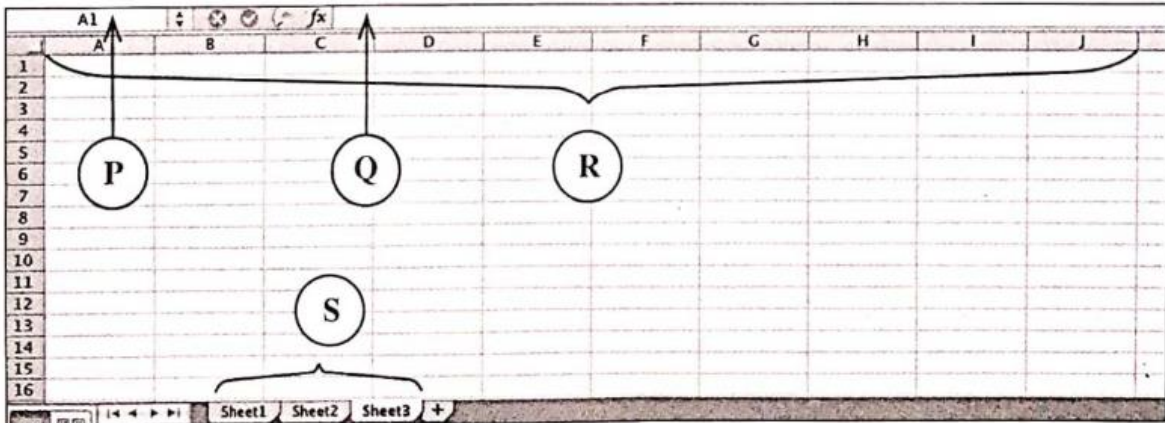
- 1) Active cell, Row headings, Insert function, Column headings
- 2) Active cell, Row headings, Column headings, Insert function
- 3) Insert function, Column headings, Active cell, Row headings
- 4) Active cell, Column headings, Row readings, Insert function

17. Which of the following statement(s) is/are correct for a cell range given as C2:E5 in a spreadsheet? (2020)

- A - Total number of rows in this range is three  
 B - Geometrical shape of this cell range is a rectangle  
 C - Total number of cells in this range is 12

- 1) A only
- 2) C only
- 3) A and B only
- 4) B and C only

18. Consider the following spreadsheet segment with four components labelled as P, Q, R and S: (2021)



- Which of the following represents the P, Q, R and S labels in the correct order?

- 1) Column Headings, Formula Bar, Name Box, Sheet Tabs
- 2) Name Box, Column Headings, Sheet Tabs, Formula Bar
- 3) Name Box, Formula Bar, Column Headings, Sheet Tabs
- 4) Sheet Tabs, Formula Bar, Column Headings, Name Box

- Consider the following segment of a marksheet entered into an electronic spreadsheet to answer questions 13 and 14:

	A	B	C	D	E
1	Name	ICT	Maths	Religion	Total
2	Sahan	60	55	70	
3	Oshini	35	absent	60	
4	Raji	75	65	absent	
5	Pooja	55	45	-75	
6					
7					

19. What is the correct formula to be entered in cell E2 to calculate the total marks obtained by Sahan? (2021)
- $=B2 + C2 + D2$
  - $B2 + C2 + D2$
  - $E2 = B2 + C2 + D2$
  - $E2 \Rightarrow B2 + C2 + D2$
20. What will be the value displayed in cell A7 if the formula  $=COUNT(A1:D5)$  is entered into it? (2021)
- 10
  - 12
  - 16
  - 20

Lakshansiru.com