Chapter # 09 (Part I)

Spreadsheet

Answer the following application-based questions:

Q#1: **Write the formula to calculate average of cell from A1 to A4.**
Ans: The **formula** is ***=(A1+A2+A3+A4)/4***

Q#2: **What is the purpose of AVERAGE function?**
Ans: AVERAGE () function returns the **average value** of a given range of values. It requires cell range as **parameter**.

Q#3: **Write function to calculate average of cells from B1 to B3.**
Ans: The function is **=AVERAGE (B1:B3)**

Q#4: **Write formula to calculate sum of cells from A1 to A4.**
Ans: The formula is **= A1+A2+A3+A4**

Q#5: **What is the purpose of SUM function?**
Ans: SUM () function returns the **total value** of a given range of values. It requires cell range as parameter.

Q#6: **Write function to calculate sum of cells from A1 to A5.**
Ans: The function is **=SUM (A1:A5)**.

Q#7: **What is the purpose of SQRT function?**
Ans: SQRT () function is used to find **square root** of a number. It requires one **parameter**.
For example: The function **SQRT (A1)** returns the square root of the value written in cell **A1**.

Q#8: **Write function to calculate square root of value in cell A5.**
Ans: The function is **= SQRT (A5)**.

Q#9: **What is the purpose of TODAY function?**
Ans: TODAY () function returns the **current system date**. It does not require any **parameter**.

Q#10: **Write function to display current date in a cell.**
Ans: The function is = TODAY ().

Q#11: **What is the purpose of MIN function?**
Ans: MIN () function returns the **minimum value** of a given range of values. It requires a cell range as parameter.

Q#12: **Write down the function to find the minimum value in the cells from A1 to A5.**
Ans: The function is **= MIN (A1:A5)**.

Q#13: **What is the purpose of MAX function?**
Ans: MAX () function returns the **maximum value** of a given range of values. It requires a cell range as parameter.

Q#14: **Write function to find maximum value in the cells from A1 to A5.**
Ans: The function is **= MAX (A1:A5)**.

Q#15: Write the formula to calculate the sum of cells from B1 to B4.
Ans: The formula is =SUM(B1:B4).

Q#16: What is the purpose of the MAX function?
Ans: The MAX() function returns the highest value from a given range of values. It requires a cell range as a parameter.

Q#17: Write the function to find the maximum value in the cells from C1 to C6.
Ans: The function is =MAX(C1:C6).

Q#18: What is the purpose of the MIN function?
Ans: The MIN() function returns the smallest value from a given range of values. It requires a cell range as a parameter.

Q#19: Write the function to find the minimum value in the cells from D1 to D8.
Ans: The function is =MIN(D1:D8).

Q#20: Write the formula to calculate the average of values in cells from C1 to C5.
Ans: The formula is =AVERAGE(C1:C5).

Q#21: Write the function to calculate the sum of cells from D1 to D6.
Ans: The function is =SUM(D1:D6).

Q#22: What is the purpose of the TODAY function?
Ans: The TODAY() function returns the current date based on the system's date settings. It does not require any parameters.

Q#23: Write the function to display today's date in a spreadsheet.
Ans: The function is =TODAY().

Q#24: Write the formula to find the square root of the value in cell B2.
Ans: The formula is =SQRT(B2).

Q#25: What is the purpose of the AVERAGE function?
Ans: The AVERAGE() function returns the mean (average) of a set of numeric values in a given range.

Q#26: Write the function to calculate the square root of the sum of values from A1 to A4.
Ans: The function is =SQRT(SUM(A1:A4)).

Q#27: Write the formula to find the maximum value of cells from B1 to B8.
Ans: The formula is =MAX(B1:B8).

Q#28: Write the formula to calculate the average of cells from C1 to C10.
Ans: The formula is =AVERAGE(C1:C10).

Q#29: Write the formula to calculate the square root of the sum of cells from D1 to D4.
Ans: The formula is =SQRT(SUM(D1:D4)).