D.V.S PUBLIC SCHOOL

(Recognized & Affiliated to CBSE)

ASSIGNMENT-3

Class- 10th Subject – Maths

Chapter 5: Arithmetic progression
Chapter : Area related to circles
Name: _____ Class/Section: _____
Roll No.: _____
Date: _____

1. Find the area of a sector of a circle of radius 14 cm and angle 90°.

2. Find the length of an arc of a circle of radius 21 cm and angle 60°.

3. A circular park has a radius of 35 m. Find the cost of fencing it at ₹20 per metre.

4. Find the area of the shaded region between two concentric circles of radii 14 cm and 7 cm.

5. A wheel has a diameter of 70 cm. How many revolutions will it make to cover a distance of 2.2 km?

6. Find the 20th term of the AP:
3, 7, 11, 15, ...

7. Find the common difference and the 15th term of the AP:
12, 9, 6, 3, ...

8. Which term of the AP 5, 9, 13, 17, ... is 81?

9. Find the sum of the first 20 terms of the AP:
2, 5, 8, 11, ...

10. The 5th term of an AP is 18 and the 10th term is 33. Find its first term and common difference.

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ASSIGNMENT-3

Class-10th

Subject- IT

Name: _____

Roll No.: _____

Section A: Multiple Choice Question

Q1. Which feature in MS Excel is used to arrange data in ascending or descending order?

a) Filter
b) Sort
c) Chart
d) Formula

Q2. Which feature is used to display only the data that meets specific conditions?

a) Sort
b) Filter
c) Merge
d) Wrap Text

Q3. Which Excel function is used to calculate the average of a group of numbers?

a) SUM()
b) COUNT()
c) AVERAGE()
d) MAX()

Q4. Which chart is best suited to compare different categories of data?

a) Column Chart
b) Pie Chart
c) Line Chart
d) Scatter Chart

Section B: Fill in the Blanks

Q5. The _____ feature is used to arrange data in a particular order.
Q6. The _____ function is used to find the highest value in a selected range.

Section C: Short Answer Questions

Q7. What is data filtering in MS Excel? Write any two advantages of using it.

Answer:

Q8. What is a Pivot Table? How is it useful in analysing data?

Answer: