Class XII (Computer Science)

Assignment (Use functions in your code)

1. WAP to show functionality of a basic calculator using functions.

2. Write a function in python which accept a number from user to return True, if the number is a prime number else return False. Use this function to print all prime numbers from 1 to 100.

3. Write a function in python which accept a list of marks of students and return the minimum mark, maximum mark and the average marks. Use the same function to test.

Class IX (Art. Int.)

Assignment (Use functions in your code)

1. What are the three major domains of AI?

2. What is Machine Learning and Deep Learning?

3. What is a decision Tree?

4. How does a neural network work?

5. Why should data be not taken from the Internet directly?

6. What is Deepfake?

7. Depict the symbols used to define the following in a system map (a) boundary line (b)

   relationship/interaction between components (c) impact of components

8. What is the need of data visualization?

9. Explain the DOIT principal of setting actions around the goal of your project.

10. What is training data and testing data?

11. what is the significance of system maps?

12. Discuss the benefits of smart school.

Class X (Art. Int.)

1.	Enlist any two methods to protect our data on the computer.
2.	Sameera is always punctual at school. She has a regular schedule that she follows every day. She plans for study and play time in advance. Enlist the four steps Sameera must have followed for effective time management.
3.	What do entrepreneurs do (functions) when they run their business? Mention any two points.
4.	Write any 4 myths about entrepreneurship.
5.	What is meant by green economy?
6.	Write down the four common communication barriers you may come across when you move to a new city or country.