Subject: Artificial Intelligence(417)

Python Program List for Class 9 and 10

- 1. Write a program to input radius of a circle and find area and perimeter.
- 2. Write a program to input principle amount, rate of interest and time in years and calculate and print Simple Interest. Foumula si=p*r*t/100
- 3. Write a program to calculate percent profit based on Cost Price ad Selling Price input by the user. Formula- pp=(sp-cp)/cp*100
- 4. Write a program to input marks of five subjects. Calculate and print Total marks and Percentage of Marks.
- 5. Write a program to input temperature in Celsius and convert it into equivalent Fahrenheit. Formula c/5 = (f-32)/9
- 6. Write a program to input initial velocity, Acceleration and Time in seconds and calculate Final Velocity. Formula v=u+at
- 7. Write a program to input a player's no. of sixes, no. of fours, no. of threes, no. of twos, no. of ones and calculate total run scored by player.
- 8. Write a program to input height of a person in centimeter and print it in meter and centimeter. **Eg.** 174cm means 1 meter 74 centimeter.
- 9. Write a program to input Length and Breadth of a rectangle calculate and print