**Subject:Python(workshop) Subject Code:PCCCS393**

**Assignment7**

**Q1. WAP using function that returns the area & circumference of article whose radius is passed as an argument.**

**Q2.WAP that has a nested tuple to show the toppers details.Edit the details & reprint the details.**

**Q3.WAP to scan an email address & forms a tuple of user-name & domain.**

**Q4.WAP that has two sequences.Find which stores some question & 2nd stores the corresponding answer. Use zip() function to form a valid question answer series.**

**Q5.WAP that generates a set of prime number & another set of odd numbers. Demonstrate the result of union,intersection,difference & symmetric difference operations on these sets.**

**Q6.WAP that creates two sets.One of even numbers in range 1-10 and other has all composite numbers in range 1-20.Demonstrate use of all() in superset( ), len( ) and sum( ) in the sets.**

**Q7.WAP that creates the two sets sequences and cubes in range 1-10.Demonstrate the use of update(), pop(), add(0 & clear() function.**

**Q8.WAP that has a list of countries.Create a set of the countries & print the names of the countries in sorted order.**