Half Yearly Practical Examination-2019

Class – XI

Q1. Write a python program to print the following pattern on the screen

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

Q2. Write a python program to read a list of 10 integer element from keyboard. Arrange them in ascending order using bubble sort method.

Q3. Write a program in python to read a list of 10 integer element from keyboard. Arrange them in descending order using insertion sort method. Also display ordered list on the screen.

Q4 Write a program in python to read an integer element from keyboard. Check whether this number is prime number or not. Display “Prime number” if entered number is prime otherwise display “Number is not a prime number”.

Q4. Write program in python to read an integer number from keyboard. Check if this is a palindrome number or not. Display “Palindrome number” if entered number is palindrome otherwise “Number is not a palindrome number”

Q5. Write a python script to read a number from keyboard. Find out the sum of digits of this entered number. Display entered number and sum of digits on the screen.

Q6. Write a python program to read a list of N numbers from the keyboard. Display all the unique elements of

this list on the screen.

Q7. Write a python program to print the following pattern on the screen using for loop only.

1

1. 2

1 2 3

1 2 3 4

1 2 3 4 5

Q8. Write a program in python to generate first 100 fabonacci numbers using looping.

Q9 Write a program in python to read a list of N numbers from keyboard. Find the presence of an another number( that is also entered through keyboard ) in this list using linear search method. If this number is present in list then display” found” otherwise “number not found”

Q10. Write a program in python to read a number from keyboard. Find out the factorial of this number using looping method. Display enetered number and factorial on the screen.