Q.1 Write a menu driven program in python to take a string from user and display whether the string is palindrome or not. User will also give choice whether to input a string again and to test it is palindrome or not. Run the program and input at least two strings and check it is palindrome or not. Generate proper output. (4)

Q.2. Write a menu driven program in python to take a number from user and test whether the given number is an Armstrong Number or not. Run the program and input at least two numbers (two times) to test palindrome or not. Generate proper output. (4)

Q.3.Write a program in python to take a list from user and display all its EVEN position and ODD position elements individually. (4)

Q.4. Write a program in python to declare a dictionary and display all keys and values of the dictionary individually.

(4)

Q.5. Write a program in python to take a string from user and test how many words are there in the string.

Display the user given string first and then display total number of words in the string. (4)

Q.6. Write a menu driven program in python to take 6 subjects (eng, beng, math, phy, chem, comp) mark from user and calculate total mark and average mark of a student and display result based on user choice whether user want to add more students’ marks and want to see total marks and average mark as well. User can stop the process by choice also. Run the program and input at least two students’ subject marks and display the result. Generate proper output. (4)

Q.7. Write a menu driven program in python to take two numbers from user and calculate addition, multiplication and subtraction of two given numbers and display result based on user choice whether user want to add again two numbers and want to see the result again or not. User can stop the process by choice also. Run the program and input at least two times – two numbers and display result. Generate proper output. (4)

Q.8.Write a program in python to take a list from user and modify the list by multiplying all its EVEN elements by 2

and ODD elements by 3. Display the original list first. Then display the modified list. (4)

Q.9. Write a program in python to declare a dictionary and modify the dictionary by adding N number of elements

From user. Display the original dictionary first. Then display the modified dictionary. (4)

Q.10. Write a program in python to take a string from user and test whether the user given string is palindrome or not. (4)