

Subject: Computer Programming and Problem Solving (CS-100)

Write a program to store following details of a student.

- a) Roll number
- b) Name
- c) Marks in 3 subjects

- A) The program should store the details for 5 students.
- B) Should be able to display information of all the students present.
- C) Give the average of marks in all the subjects for a specific student.
- D) Give the average marks of a particular subject.
- E) Swap the marks in any given 2 subjects, for a particular student.
- F) Should be able to display all marks of any specified student.
- G) Convert the student name to lower case in case any letters are in uppercase.

Create a menu for the above said functionalities.

****Writing comments for important expressions is mandatory.**

****The best practices with optimal code and usage of functions and dynamic memory allocation will be appreciated.**