

**TRIBHUVAN UNIVERSITY**

Faculty of Humanities and Social Science

**External Practical Examination 2076**

**Subject: - CACS151 C-Programming;**

**Level: - Bachelor in Computer application**

**F:M: - 20**

**Year/Semester: - Year1 Semester II;**

**Time:- 1hr**

**Set B**

**Write the answer for the following (any four only) in an answer sheet and execute them in a computer using Editor and C Compiler.**

- 1) Write a program to collect three random integers and display the middle one among them.
- 2) WAP to collect an integer and display sum of the digits using function.
- 3) WAP to collect N number of integers and display how many odd and even integers are present. (You can use array to collect N integers).
- 4) WAP to collect 10 student's Records using structure and find out how many boys and grls are there in the class.
- 5) In a data file named "BCAMarks.Dat" result of 1<sup>st</sup> semester (of your college) are stored. WAP to read these records and display how many students have passed and how many could not.

**SET A**

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**Write the answer for the following (any four only) in an answer sheet and execute them in a computer using Editor and C Compiler.**

- 1) Write a program to collect three random integers and display the Smallest and greatest one among them.
- 2) WAP to collect an integer and display how many even and odd digits are present in that integer (using function).
- 3) WAP to collect N number of integers and display its average. (You can use array to collect N integers).
- 4) WAP to collect 10 books detail using structure and display those books which belong to BCA.
- 5) In a data file named "Payroll.Dat" following information are stored. (EmpNo, EmpName, Department, Post, Shift, Basic Salary). WAP to read these records and display average salary of those who works in Account Department.