UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखंड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

PGDCA-16/PGDCA-17 1ST YEAR 1ST SEMESTER ASSIGNMENT

Last Date of Submission: 15/11/2019

Course Title: Computer Programming Using C

Course Code: PGDCA-03

Maximum Marks: 30/20

Section 'A' contains 08 short answer type questions of 4/2.5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. Distinguish between fprintf() and printf() .
2. Distinguish between malloc and calloc() .
3. What is the scanf() and how does it differ from the getchar().
4. What is mean by register variable and what the scope of it?
5. Why is go to not necessary for the structured programming language like C?
6. Explain any 4 string functions with suitable example?
7. Differentiate between local variable and global variable?
8. Differentiate between relational and logical operators used in C?

Section 'B' contains 04 long answer-type questions of 7/5 marks each. Learners are required to answers 02 questions only.

1. Explain different types of storage classes with suitable examples.
2. Explain the general format of the fseek() function. Also explain the difference between fread() and fwrite().
3. Explain different input and output operations on files using suitable examples.
4. What is the difference between Union and structure? Also explain the term 'passing structure to function' with help of an example.