

Govt. Degree College Basohli

Internal Assignment Test of Semester II (Session 2019-20) for Promotion to Semester

III

Subject: Programming Concepts Using C Language

MM:30

Note: All questions are compulsory. The answer should be in detail covering diagrams/ figures/ etc. if required. A medium size notebook (separate for each subject) shall be used for writing the assignment test and all the assignments shall be **submitted together in the college in one visit** latest by 31/08/2020. (Students shall strictly follow the COVID-19 guidelines issued by the Govt. during your visit to the college such as maintaining social distance and wearing the face mask)

Section A: Long Answer Questions (7 marks each)

Q1. What is Algorithm? Discuss the Flow chart, its symbols, advantages and disadvantages of flow charts?

Q2. Discuss the various Operators in C programming language. Also discuss the Precedence and Associativity of the operators.

Q3. Discuss the following terms in detail

- (1) Switch statement (2) While Loop (3) Do while (4) For Loop (5) Break Statement
- (6) Continue Statement (7) goto statement

Section B: Long Answer Questions (3 marks each)

Q4. Discuss the following terms 1. Syntax Error 2. Linker 3. Logical Error

Q5. What are the different data types in C programming Language?

Q6. Discuss the various escape sequences in C programming Language?

Practical

MM:10

Q1. Write a program in C language to find the greatest of three numbers using if else statement (**5 Marks**)

Q2. Write a program in C to show the use of increment and decrement operator. (**5 Marks**)

Viva-Voce