**ANNUAL EXAMINATION 2020**

**(Only for Regular Students)**

***Centre No. 135 Centre Name- Disha College, Raipur (C.G.)***

**Class-B.Sc.-I Subject-Computer Science**

**Paper No- II Paper Name-Programming in ‘C’ language**

**Time- 3 hrs. M.M.-50**

**Note – *Attempt any 2 question from all unit. Each question carries equal marks*.**

**Unit 1**

1. Explain Operator and its precedence and associatively.
2. Explain Token in C language.
3. Explain I/O Formatted function .

**Unit 2**

1. What are the difference between while loop and do while loop.

2. Write a program in C to find the sum of N natural Number by using for loop.

3. Write a program to explain nested if else .

**Unit 3**

1. What is Array ? write a program to demonstrate 1D array .

2. What is String .Write five string handling function.

3. Write the difference between structure and union .

**Unit 4**

1. What is Pointer ? Define it and write the use of pointer .
2. Explain different dynamic memory allocation functions.
3. Write note on : (Any 2) .

i) Array of Pointer ii) Pointer to Pointer iii) Pointer Arithmetic

**Unit 5**

1. Explain preprocessor in C .

2. What is file handling . write a program to file handing through command line argument..

3. Write note on : (Any 2) .

i) fscanf and fprinf ii) fread and fwrite iii) rewind & fseek