

**Centre for Computer Studies & Information Technology**

B. N. College, Patna University, Patna

**Semester-I, 2<sup>nd</sup> Internal Test (CIA-1a), 2019**

**Full Marks : 05 Marks**

**C Programming : CC-2**

**Duration : 30 min.**

**Set-3**

**Group A : Multiple Choice Question – Answer All Questions**

**(3 x 0.5 = 1.5)**

- |                                                    |              |              |         |         |
|----------------------------------------------------|--------------|--------------|---------|---------|
| 1. malloc() _____ memory for pointer.              | a. allocates | b. frees     | c. Both | d. None |
| 2. Commands can be created in C using ____.        | a. CLA       | b. CLI       | c. Both | d. None |
| 3. Pointers can be passed to functions using ____. | a. CallByRef | b. CallByVal | c. Both | d. None |

**Group B : Short Type Question – Answer Any One Question**

**(1 x 1.5 = 1.5)**

4. Explain 'Pointer' with proper examples.
5. Explain 'Structure' with an example.
6. Write 5 important points about 'Streams'.

**Group C : Long Type Question – Answer Any One Question**

**(1 x 2.0 = 2.0)**

7. WAP to create a command for finding factorial of a given number (use CLA).
8. WAP to print the series – 1, 2, 9, 64, .... up to n<sup>th</sup> term.
9. WAP to print the 'Pascal' triangle upto 5 terms.