

Roll No.

97665

**BCA 2nd Semester
Examination – May, 2019**

C PROGRAMMING

Paper : BCA- 106

Time : Three hours]

[Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

1. Write short note on the following : 4 × 4 = 16

- (i) Elements of C
- (ii) Switch statement
- (iii) Input functions
- (iv) Pointers

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UNIT - I

2. Define 'C' Language. Explain its importance and elements. Also explain about data types. 16
3. Explain the following : 16
- (i) Operator Hierarchy & Associativity
 - (ii) Type casting and conversion

UNIT - II

4. Describe the following : 16
- (i) ELSE-IF ladder
 - (ii) Nested IF statement
5. Explain the following : 16
- (i) Jumps in Loops
 - (ii) Nested Loops

UNIT - III

6. Explain in detail about user defined functions. 16
7. Describe the following : 16
- (i) Unformatted & Formatted I/O
 - (ii) Input functions

UNIT - IV

8. Explain the following : 16
- (i) Declaration and Initialization of strings
 - (ii) Pointers
9. Describe the following : 16
- (i) Storage classes in C
 - (ii) Flow charting