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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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P. T. O.

## UNIT - I

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

## UNIT - II

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

## UNIT - III

6. Explain in detail about user defined functions.
7. Describe the following :
- (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
- 

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