F–2746	Sub. Code
	7BCEA3

U.G. DEGREE EXAMINATION, NOVMBER 2019

Computer Science

Allied — PROGRAMMING IN C

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 60 Marks

Part A $(10 \times 1\frac{1}{2} = 15)$

Answer **all** questions.

1.   Define Key words.

2.   What is symbolic constant?

3.   How to read and write a character in 'C'?

4.   What is the purpose of 'go to' statement in 'C'?

5.   How to initialize arrays?

6.   How to declare arrays?

7.   What is union?

8.   Define proto type of a function.

9.   How to access value of a variable using pointers?

10.   What is sequential file?

Part B $(5 \times 3 = 15)$

Answer **all** questions, choosing either (a) or (b).

11. (a) Write short note on evaluation of expressions.

Or

(b) Explain Arithematic, Recalimal and logical operators.

12. (a) What is formatted input and output in 'C'?

Or

(b) Compare if... else if statement with switch statement.

13. (a) Write short notes on dynamic arrays.

Or

(b) Explain any three string functions.

14. (a) What is life time of a variable? Explain with an example.

Or

(b) What is user-define a function? Explain with an example.

15. (a) Write short notes on pointer and character strings.

Or

(b) How to use pointers as function arguments?

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Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16.   Discuss data types supported by 'C'.

17.   Explain rules for coding for ... loop with suitable example.

18.   Write a 'C' program to find out sum of 10 numbers using arrays.

19.   Write a 'C' program to compute value of factorial using function.

20.   Explain file operations with suitable example.

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