

RS 35009A

THREE YEAR B.Com. Comp (CBCS) DEGREE EXAMINATION, DECEMBER 2020

THIRD SEMESTER
Computer Applications
PROGRAMMING IN C

(With 2016 -17 Admitted Batch)

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A - (5 × 5 = 25 marks)

I. Answer any FIVE questions.

1. Define Algorithm and explain key features of Algorithm.
2. Explain basic structure of 'C' Program.
3. Explain 'IF' statement with an example.
4. Explain break and continue statements.
5. What is an Array? How do you declare an array?
6. Write any three string functions.
7. Write short notes on function prototype.
8. Explain recursive function with an example?
9. Define pointer. Explain how to declare a pointer variable.
10. Discuss Enumerated Data Types.

PART B - (5 × 10 = 50 marks)

II. Answer ALL questions.

(5 × 10 = 50 marks)

1. What is a Data Type? Explain the various data types in C Language.

Or

2. Explain in detail the formatted input and output statement used in C Language.

13. Explain the different types of loops in C with syntax and example.

Or

14. Explain the different conditional branching statements in 'C' with syntax and examples.
15. Discuss about different types of Arrays available in 'C'?

Or

16. Write a 'C' program to sort the given numbers in an Array.
17. What is a function? Explain function declaration with an example.

Or

18. Explain Storage Classes available in 'C'.
19. Explain the differences between Structures and Union.

Or

20. Write about array of structures. Explain With examples.