**B.C.A DEGREE EXAMINATION,NOVEMBER 2019**
**I Year I Semester**
**Programming in C**

**Time : 3 Hours**                                                    **Max.marks :75**

**Section A** $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. How will you declare the variable?
2. List out any four Keywords.
3. Write the syntax for output statement.
4. What is the use of goto statement?
5. Define Function.
6. What is static variable?
7. Define Union.
8. What is String?
9. How will you declare pointer?
10. What is a File?
11. Define Initialization.
12. What is Nested Loop?

**Section B** $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Discuss about Character set in C.
14. Write a Simple C program to print the numbers from 1 to 100 with flow chart.
15. Define Recursion. Explain with an example.
16. Explain the different types of Array with example.
17. Write short notes on Structure with example.
18. Briefly explain about different types of Datatypes in "C".
19. Write a C program to print the Greatest of three numbers.

**Section C** $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Explain the various types of Operators with example.

21. Explain the Flow of Control in C with example

22. Discuss in detail about Category of Function with example.

23. Explain different types of String Handling functions with example.

24. Discuss in detail about the basic file operation in C with example.

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