B.C.A. DEGREE EXAMINATION,APRIL 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. What is an identifier?
2. Define variable.
3. Write the syntax of switch statement.
4. What is the use of break statement?
5. Define function.
6. What is recursion?
7. Define an array.
8. What is union?
9. Define pointers.
10. How to close a data file?
11. What is library function?
12. Define File.

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

Answer any **FIVE** questions

13. Write short notes on data types.
14. Distinguish between 'while' and 'do-while' statements.
15. Explain about function prototypes.
16. Discuss about self-referential structures.
17. Write a note on operations on pointers.
18. Write a C program to print first 'n' Fibonacci numbers.
19. How to pass a structure to a function? Explain with an example.

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

Answer any **THREE** questions

20. Explain the different types of operators available in C.
21. Describe the various data I/O functions in C.
22. Discuss in detail about storage classes with example.
23. Write a C program to add and subtract two given matrices.
24. Explain about Array of pointers with an example C program.

B.C.A. DEGREE EXAMINATION,APRIL 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. What is an identifier?
2. Define variable.
3. Write the syntax of switch statement.
4. What is the use of break statement?
5. Define function.
6. What is recursion?
7. Define an array.
8. What is union?
9. Define pointers.
10. How to close a data file?
11. What is library function?
12. Define File.

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

Answer any **FIVE** questions

13. Write short notes on data types.
14. Distinguish between 'while' and 'do-while' statements.
15. Explain about function prototypes.
16. Discuss about self-referential structures.
17. Write a note on operations on pointers.
18. Write a C program to print first 'n' Fibonacci numbers.
19. How to pass a structure to a function? Explain with an example.

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

Answer any **THREE** questions

20. Explain the different types of operators available in C.
21. Describe the various data I/O functions in C.
22. Discuss in detail about storage classes with example.
23. Write a C program to add and subtract two given matrices.
24. Explain about Array of pointers with an example C program.