# 405

## April 2023

### *Time – Three hours*
### *(Maximum Marks: 100)*

**N.B.** 1. Answer all questions under Part-A. Each question carries 3 marks.

2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.

### PART – A

1. What are the types of I/O statements available in C?

2. Write short notes about main () function in 'C' program.

3. What is precedence?

4. List out relational operators.

5. Give the syntax of an array in C.

6. Write about strcmp() function.

7. What is the need of structure?

8. Give an example for declaring union.

9. What are the types of functions?

10. Write short notes on fwrite().

Turn over...

## PART – B

11  A)  Explain formatted input and output statements used in C with syntax and example.

(OR)

B)  Explain the structure of C program and steps for its execution.

12  A)  What is loop? Explain its types in detail with an example.

(OR)

B)  Write a C Program to perform the Arithmetic operations using switch statement.

13  A)  Discuss about the process of array initialization and declaration.

(OR)

B)  Write a C program using any two string handling functions.

14  A)  Write a C Program to prepare the total marks for N students by reading the Name, Register number and Marks 1 to 5 using array of structure.

(OR)

B)  Explain arrays of structure, structure within a structure with an example.

15  A)  Write a C Program using function.

(OR)

B)  Write a C program using file.

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