[CB-N-BC441]
AT THE END OF FOURTH SEMESTER - (CBCS PATTERN)
DEGREE EXAMINATIONS
COMMERCE - PROGRAMMING IN C
(Form The Admitted Batch of 2017-18)
(FOR B.COM. (COMPUTER APPLICATIONS))

Time : 3 Hours **Maximum : 75 Marks**

SECTION - A

I. Answer any Five questions. **(5×5=25)**

1. Define algorithm and flow chart for finding a perfect number.
2. Explain the Nested loops with examples.
3. Write some properties and advantages of user defined function in c.
4. Explain storing values in array.
5. Explain declaring pointer variables.
6. Explain the type conversion and type casting with example.
7. Explain in details about nesting of functions with example.
8. Write a program to find largest and smallest of n numbers using arrays.

SECTION - B

II. Answer ALL the questions. **(5×10=50)**

1. a) Explain basic data types in c.

(OR)

b) Explain the structure of c program with an example.

2. a) Explain conditional statements, looping statements.

(OR)

b) Write break and continue statements & nested loops.

3. a) Explain the various categories of user defined functions in c with examples.

(OR)

b) Explain the parameter passing mechanisms in c language with example.

4. a) What is array? Explain different types of Arrays with example.

(OR)

b) Explain two dimensional arrays with example.

5. a) Discuss about pointer and strings and 2D arrays.

(OR)

b) What is structure? Explain nested structure with syntax and example.

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