

[CB-R-BS225]

AT THE END OF SECOND SEMESTER (CBCS PATTERN)

DEGREE EXAMINATIONS

COMPUTER SCIENCE - II- PROGRAMMING IN 'C'

(w.e.f. Admitted Batch 2016-17)

Time : 3 Hours

Maximum : 75 Marks

SECTION - A

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

1. Write an algorithm and flowchart of finding perfect number.
2. Write about break and continue with example.
3. Write a C program to search a given element in an array.
4. What is pointer? Explain with call by reference example.
5. What is file? How to detect the End-of-File?
6. Write about various Tokens in C language.
7. Explain different categories of functions.

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8. Explain the advantages and disadvantages of pointers.

SECTION - B

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

9. a) Define algorithm. Explain the key features of algorithm.

(OR)

- b) Write about input and output statements in C.

10. a) Explain various Looping statements in C with syntax and example.

(OR)

- b) Write about various Storage classes in detail.

11. a) Define an array. Explain different types of arrays.

(OR)

- b) Explain various string operations and Miscellaneous functions.

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12. a) Explain in detail about pointers with example.

(OR)

- b) Write a program to calculate the student grade by using structures.

13. a) Explain different Modes of opening a file.

(OR)

- b) Write about various Error handling during file operations.
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