

THREE YEAR B.Sc. (CBCS) DEGREE EXAMINATION — OCTOBER/NOVEMBER 2017

FIRST SEMESTER

Part II – Computer Sciences

Paper I – COMPUTER FUNDAMENTALS AND PROGRAMMING IN C

(Revised Syllabus w.e.f. 2016-17)

Time : 3 hours

Max. Marks : 75

SECTION - A

Answer any FIVE of the following questions.

(Marks : 5 × 5 = 25)

1. Explain about block diagram of a computer.
2. Explain about secondary memory devices.
3. Explain about constants in C.
4. Write about C preprocessor.
5. Write about for loop statement with example.
6. What is recursive function?
7. What are enumerated datatypes?
8. What is command line argument?

SECTION - B

Answer ONE question from each Unit.

(Marks : 5 × 10 = 50)

UNIT - I

9. Explain about generations of computers.

Or

10. Explain any five input and output devices.

UNIT - II

11. Explain about input and output statements in C.

Or

12. Explain about type conversion and type casting.

UNIT - III

13. Explain about conditional branching statements in C.

Or

14. (a) Explain about passing arrays to functions.

(b) Explain about passing strings to functions.

UNIT - IV

15. What is array? Explain different types of an arrays.

Or

16. Explain about string handling functions with syntax.

UNIT - V

17. What is pointer? Explain about pointers and arrays.

Or

18. Explain detecting the end-of-file and close a file in detail.

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