

MAY 2016

P/ID 17501/PCASA

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. What are the data types in C? Give a note.
2. Explain the arithmetic operators in C.
3. How do you declare the structures?
4. What are pointers? Write about them.
5. Write short notes on stacks.
6. How do you insert an element into a stack?
7. Write notes on UNIX OS.
8. What are shell variables?

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Explain with examples the increment and decrement operators in C.
10. With an example program explain the Nested-If else statement.

11. Describe command line arguments.
 12. Explain pointers to functions with an example.
 13. Discuss on implementation of queue using linked list.
 14. Explain with an example, pointer to structures.
 15. Discuss on UNIX FILE directories.
 16. Explain the standard I/O operations.
 17. How do you execute the AWK scripts with the shell?
 18. Explain the functions in AWK.
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