

DECEMBER 2014

P/ID 17501/PCASA

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write about character I/P and O/P in C.
2. What are variable names? Explain.
3. Write on 'Pointer and Function arguments'.
4. Give the syntax of array of structures and explain.
5. Write a note on memory allocation functions.
6. What are the options of grep command?
7. List and explain the components of UNIX?
8. What are the unconditional control statements defined by AWK?

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Discuss the storage classes in C.
10. Explain with examples all the control statements in C.

11. What is Recursion? Explain with an example.
12. Explain the multidimensional array handling with an example.
13. Explain the stack implementation with suitable C program.
14. Discuss the operations on pointers.
15. Give the syntax of opening and closing a file. Explain with examples.
16. Explain the types of Unix files.
17. List and explain the components of Unix.
18. Discuss the functions of AWK.