

C 4501

B.C.A. (Three Year) DEGREE EXAMINATION, MARCH/APRIL 2018.

(End Semester Examination)

Fourth Semester

(Regular/Supplementary)

Part II

UNIX

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE questions.

(5 × 4 = 20 Marks)

1. Explain about system functions in Unix.
2. Explain pwd, mkdir commands with syntax.
3. What is Wild card? Mention the purpose of wild cards with example.
4. Write the usage of back quote.
5. What is filter? Explain with example.
6. Write note on awk programming.
7. Explain positional parameters in Unix shell programming.
8. Write short note on file structure in Unix.

PART — B

Answer ALL the questions.

(5 × 10 = 50 Marks)

9. (a) Explain Unix architecture with a neat diagram in detail.

Or

- (b) What is file system? Explain the basic types of files in Unix. Explain the various purpose of cat command.

Turn Over

10. (a) Explain U limit and all the options of df and du commands. Explain various filter commands with syntax and example.

Or

- (b) Explain the features of Ex, line Editors Ex and Ed.

11. (a) Explain different types of processes in unit OS and also explain process related commands with syntax and example.

Or

- (b) Describe the compression and decompressing techniques of files in Unix. Explain disk related commands.

12. (a) Write notes on SED command. Explain the use of grep command.

Or

- (b) Explain the domain name system. Explain the tar and cpio commands in Unix.

13. (a) Write a Shell script to find the number of occurrence of a particular character in a given string.

Or

- (b) Explain different types of tests used in shell script with an example. And explain about Back up and Restoration.
