

Total Pages : 4

KN-280

BCA (Part-II) Examination, 2022

SHELL PROGRAMMING LINUX/UNIX

Time Allowed : Three Hours

Maximum Marks : 50

Minimum Passing Marks : 17

Note : Attempt **all five** questions. **One** question from each unit is **compulsory**. All questions carry **equal** marks.

Unit-I

1. Write various features of Linux Operating System.
Discuss its main security features. [10]

OR

Discuss various commands like `ls`, `cat`, `grep`, `date` and `chmod` with syntax and example.

KN-280/1000

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[P.T.O.]

Unit-II

2. Write a short note on Vi Editor. Discuss insert mode of Vi editor and its related commands. [10]

OR

Discuss Emacs Editor and its various commands and features.

Unit-III

3. Discuss various loops used in Shell Programming. [10]

OR

Write a Shell Program to find the sum and average of five numbers.

Unit-IV

4. Write a short note on FVWM and FVWM95. [10]

OR

Discuss KDE Desktop Environment and GNOME Desktop Environment.

Unit-V

5. Discuss Startup and Shutdown Process with suitable example. [10]

OR

Write a short note on Red Hat Linux Operating System.

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