Reg. No. : ....

Name : ....

IV Semester B.C.A. Degree (CBCSS-Reg./Sup./Imp.) Examination, May 2018
(2014 Admn. Onwards)
Core Course
4B10BCA : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One** word answer. (8×0.5=4)

   a) _____ command helps to view the lines at the beginning of a file.

   b) The maximum number of positional parameters is _____

   c) Which symbol is used to run a process in background ?

   d) The option used in *at* command to remove any unwanted command from the job queue is _____

   e) _____ command is used to save and restore files to and from a medium like floppy disk.

   f) "echo $!" gives _____

   g) The command used in *vi* editor to save and quit is _____

   h) The command that searches for a pattern irrespective of case is _____

SECTION – B

Write short notes on **any seven** of the following questions. (7×2=14)

2. Give a brief description on C shell.

3. What is inode ?

4. Write a shell script to find the largest of 3 numbers.

5. Explain *case* construct in shell script with example.

6. What is the use of *man* command in Linux ?

7. What is kernel ?

8. Explain the three types of users for files in Linux.

9. What do you mean by booting ?

10. What are the different steps to add a new user ?

11. Write a short note on init process.

SECTION – C

Answer **any four** of the following questions.   (4×3=12)

12. Write a shell program to check whether the given number is palindrome or not.

13. Write the steps to delete a directory in Linux.

14. What is the use of pipes and filters in Linux ?

15. What is the use of crontab ?

16. Describe file permissions in Linux.

17. Explain LILO Boot Loader.

SECTION – D

Write an essay on **any two** of the following questions.   (2×5=10)

18. Explain Linux File System.

19. Write a shell script to display a number in words.

20. Explain Linux system security.

21. Explain chmod command.