K23U 1077

Reg. No. : ....

Name : ....

IV Semester B.C.A. Degree (CBCSS – OBE – Regular/Supplementary/ Improvement) Examination, April 2023
(2019 Admission Onwards)
Core Course
4B10BCA : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer. Answer **all** questions. **(6×1=6)**

1. What is free software ?

2. Write the command for creating a directory in Linux.

3. How to change the file permission ?

4. What is bourne shell ?

5. What is 'cp' command ?

6. What is X Windows ?

PART – B

Short essay. Answer **any 6** questions. **(6×2=12)**

7. Explain different types of files in LINUX.

8. What is command mode in Vi Editor ?

9. Explain the commands for copy and paste.

10. Differentiate relative and absolute pathnames.

11. Differentiate /etc/bashrc and ~/ bashrc.

P.T.O.

12. Explain Kernel in Linux.

13. Explain cron command.

14. What are service commands ?

PART – C

Essay. Answer **any 4** questions. (4×3=12)

15. What are different types of shells in Linux ?

16. Explain the shell scripting variables and parameters.

17. Write the steps to change password in Linux.

18. What are the different modes used in Vi editor ?

19. What is shell function ?

20. Explain tmpwatch command.

PART – D

Long essay. Answer **any 2** questions. (2×5=10)

21. Write the features and benefits of Linux.

22. Explain the various editing commands in Vi.

23. Explain the different control structures in Linux.

24. Explain the backup types in Linux.

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Improvement Examination, April 2022
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Core Course
4B10BCA : LINUX ADMINISTRATION**

Time : 3 Hours   Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions :   (6×1=6)

1. What command is used to remove files ?

2. What is a shell ?

3. What is LILO ?

4. Which command is used to make a file system available to the system ?

5. What is meant by Kernel in Linux system ?

6. What is GUI ?

PART – B
(Short Essay)

Answer **any 6** questions :   (6×2=12)

7. How to copy a file in Linux ?

8. What are the basic components of Linux ?

9. What are filters ?

10. What are the key features of the bash Shell ?

11. What is soft link ?

12. What is the use of free software ?

13. What is GRUB in Linux ?

14. What is syslog ?

PART – C
(Essay)

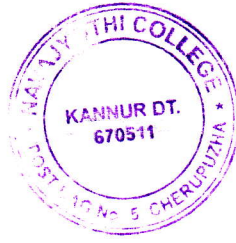Answer **any 4** questions :   (4×3=12)

15. Briefly describe the Shell's responsibilities.

16. What are shell variables ?

17. What is the use of the 'mkdir' command in Linux ?

18. How do you change permissions under Linux ?

19. How many types of users are there in Linux?

20. Explain the use of ls command.

PART – D
(Long Essay)

Answer **any 2** questions :   (2×5=10)

21. How do you perform system maintenance in Linux ?

22. How does mounting work in Linux ?

23. What is Linux and describe some of its unique features.

24. Explain different types of loops are there in Linux.

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K21U 1076

IV Semester B.C.A. Degree CBCSS (OBE) Regular Examination, April 2021
(2019 Admission Only)
Core Course
4B10BCA : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer. Answer **all** questions :

(6×1=6)

1. What are two types of Linux User Mode ?

2. What is pipe ?

3. Which command is used to delete the current line ?

4. Which command is used to view the disk usage within a directory ?

5. What do you understand by Linux Kernal ?

6. What is BASH ?

PART – B

Short essay. Answer **any 6** questions :

(6×2=12)

7. What are the basic components of Linux ?

8. What is the use of cron command in Linux ?

9. Which are the Shells used in Linux ?

10. What does a nameless (empty) directory represent ?

11. What are the key features of the bourne shell ?

12. Define Bourne shell scripts.

13. Why Linux is called free software ?

14. What are shell variables ?

P.T.O.

PART – C

Essay. Answer **any 4** questions :   (4×3=12)

15. How do you copy and move a file in Linux ?

16. What is Xwindows in Linux ?

17. What is a shell in programming ?

18. What is wild-card interpretation ?

19. What are the different modes when using vi editor ?

20. What is the command to change the group ownership of a file ?
    Write its syntax.

PART – D

Long essay. Answer **any 2** questions :   (2×5=10)

21. Explain conditional control structure in linux.

22. What are the different Linux system backup types ? How are they different ?

23. Explain file management commands.

24. Explain free software concepts.

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