TILAK MAHARASHTRA VIDYAPEETH, PUNE BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)

EXAMINATION: MAY-2024

SEMESTER - V

Sub: Linux (BCA –542-18)

Date :23/05/2024		Total Marks:	60	Time: 2.00 pm to 4.30 pm
	 Instructions: All questions are compulsory Bold figures to the right of ev Candidates are advised to att Answers written illegibly are Use of scientific calculators, and the computation of the computat	ery question are to empt questions in likely to be marke Log tables, Mollie	he maximum mo order. ed zero. er Charts is allo	
Q.1.	Fill in the blanks.			(05)
 2. 3. 4. 	Linux is based on	b) d) b) ds user's data in Li b) d) ccomm	/root /home mand is used. set	
5.	c) passwd The VIM edit has a) One c) Three	modes of operation b)	None of Above ons. Two Four	
Q.2. 1. 2. 3. 4. 5.	State True/False. In Linux passwords are case sensitive. To delete user delete command is used in Linux. To create empty files (Zero Byte Files) in Linux touch command is used. The default shell in Linux is sh. There are four basic file permissions in Linux, read, write, execute and delete.			
Q.3. 1. 2. 3. 4. 5. 6.	Answer the following. (Solve and List various Linux and UNIX op List various shells used in Linux Define user space in Linux. List the different process states in What is the use of /etc directory is List any four network management.	erating system fla Linux. n Linux?		(10)

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Q. 4. Answer the following in detail. (Solve any 6)

(30)

- 1. Explain working soft links and hard links in Linux in detail with examples.
- 2. Explain the working of VI editor in detail.
- 3. What is the use of chmod and chown command in Linux? Explain with options and Examples.
- 4. Write the entire procedure to create, format and mount the data partition in Linux.
- 5. Explain the working of crontab command with example.
- 6. Write a note on Daemons in Linux.
- 7. Write a note on rescue environment in Linux.

Q. 5. Answer the following in detail. (Solve any 1)

(10)

- 1. Write a step by step procedure to install Linux operating system in detail
- 2. Explain the working of tar, dump and restore commands in detail with various option and examples.

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