



- Q.2 a) Draw and explain LINUX Architecture. 6  
 b) Explain various file oriented command used in Linux with syntax and example. 5

OR

- Q.3 a) Explain various directory oriented command in Linux with syntax and example. 6  
 b) Explain Different Flavors of Linux. 5
- Q.4 a) Explain the following General Purpose command used in Linux with syntax and example. 6  
 i) split ii) tee iii) man iv) cal  
 b) Explain various Backgrounds command used in Linux with its syntax and example. 5

OR

- Q.5 a) Explain various file Access permission command used in Linux with its syntax and example. 5  
 b) Explain following command used in Linux with syntax and example. 6  
 i) is ii) write iii) mail iv) wall
- Q.6 a) State and explain various modes used in VI editor. 6  
 b) Write a program on used of pipes. 5

OR

- Q.7 a) Explain various filters command with its syntax and example. 5  
 b) Explain the following command with its syntax and example. 6  
 i) Search ii) Cursor movement iii) replace

- Q.8 a) Explain Shell Function with its syntax and example. 6  
 b) Write a program for simple shell to calculate factorial of given numbers. 5

OR

- Q.9 a) Explain Iteration statement with its Syntax and example. 6  
 b) Write a simple shell program whether the member is odd or even by using control statement. 5
- Q.10 a) Explain C shell arrays with example. 6  
 b) Write a program for C shell to display table of specified no using For Statement. 5

OR

- Q.11 a) Explain the If Statement in C shell with its syntax and example. 6  
 b) Write a program for C shell to print Welcome message five times using While loop. 5

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