

Linux operating system

DURATION: - 2½ hrs

813021223

MARKS:- 75

Note: - (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Figures to the right indicates full marks

Q.1 Answer the following questions (Any 4)

20M

- a) Explain any four general purpose utility commands in Linux.
- b) Explain various file types in Linux.
- c) List and explain Linux distributions.
- d) Write a short note on 'rm' command.
- e) Explain path in Linux.
- f) Explain default shell environment in Linux.

CO2-U

CO1-U

CO1-U

CO2-U

CO3-U

CO3-U

Q.2 Answer the following questions (Any 4)

20M

- a) Explain decoding file permission.
- b) Explain "groupadd" & "groupdel" in Linux group.
- c) Explain the concept of route in Linux.
- d) Explain SSH tools in detail.
- e) Explain in detail the DNS with example.
- f) Discuss IP address..

CO4-U

CO4-U

CO4-U

CO4-U

CO4-U

CO4-E

Q.3 Answer the following questions (Any 4)

20M

- a) Explain with examples use of pipes.
- b) Explain "exit" command with example.
- c) Explain with example ifelse in Linux.
- d) Explain case command in Linux.
- e) Write a note on vi.
- f) Explain various Linux signals.

CO5-U

CO5-U

CO5-U

CO5-U

CO6-U

CO6-U

Q.4 Answer the following questions (Any 5)

15M

- a) Explain the following commands:
 - i) cal
 - ii) date
 - iii) echo
- b) Explain in brief "uname" command.
- c) List & describe any 3 attributes of 'ls' command.
- d) Explain "sed" command.
- e) Write a shell script to add two numbers taken from user.
- f) Write a shell script to check entered number is positive or negative.

CO2-A

CO2-U

CO2-U

CO3-U

CO5-A

CO5-A
