

Q.P. Code :25137

[Time: Three Hours]

[Marks:80]

Please check whether you have got the right question paper.

- N.B:
1. Question.No.1 is compulsory.
 2. Solve any 3 from remaining.
 3. Assume suitable data where ever necessary.

- Q.1 Attempt the following: 20
- a. Compare open source softwares with closed source softwares.
 - b. How to secure servers with Iptables.
 - c. Explain backup related commands in Linux.
 - d. Describe role of Intent in Android Programming.
- Q.2 10
- a) Explain various open source software licenses.
 - b) Write note on sed. Show how can it be used in following cases 10
 - i) As replacement for head command.
 - ii) As utility for deleting all occurrences of string "UNK" from input.
- Q.3 10
- a) Explain commands for new user creation in Linux.
 - b) Explain use of wget and curl commands to get website contents. 10
- Q.4 10
- a) Write a note on process management in Linux. Explain relevant commands.
 - b) Explain grep, cut, tr, sort and uniq commands with two options and their example usage. 10
- Q.5 10
- a) Explain Apache web server configuration in Linux
 - b) Explain Linux File system hierarchy. Explain role of any five directories. 10
- Q.6 Write short notes on following (any four)
- a) Publishing the Android application 05
 - b) Android Activity Life-Cycle 05
 - c) Daemon process 05
 - d) Role of init signal. 05
 - e) Logical Volume Manager 05
