

Q.P. Code : 14985

(3 Hours)

[Total Marks : 80

N.B. : (1) Attempt any four questions.

1. (a) Compare Open source software with Other type of Software. 10
1. (b) Explain partition of Hard disk with respect to dual boot environment also explain the purpose of bootloader 10
- 2 (a) Explain File system Hierarchy Standards (FHS) 10
2. (b) Write a note on Process management in Linux along with the relevant command used for process management? 10
3. (a) Describe /etc/passwd, /etc/group and /etc/shadow files with respect to user administration 10
3. (b) Explain the purpose of following networking command 10
(i) ifconfig (ii) traceroute (iii) nslookup (iv) route (v) arp
4. (a) Discuss steps for the configuration of Linux machines as the Master DNS server. 10
4. (b) Write a note on "working with a Web using shell script". 10
5. (a) Explain the role of Linux kernel in the Android Architecture. 10
- (b) Enlist some native Android libraries used in Android Architecture. 5
- (c) Describe the role of intent in Android programming. 5
- (d) Explain SmsManager class in Android development. 5
- 6 Write a short note on :- 20
- (a) Location -based services
- (b) Iptables
- (c) init initialization in Linux OS
- (d) Backup commands in Linux OS