it 5 sem open source technologies dec 2015

(3 Hours) [Total Marks : 80]

N.B. (1) Question number 1 is compulsory.
(2) Solve any 3 from remaining.
(3) Assume suitable data where ever necessary.

Q.1. Attempt the following: 20
   a. compare amongst hard and soft links
   b. Explain Linux file access permissions
   c. List 5 Environment variables. Describe their role.
   d. Explain Activity Life-cycle using neat Labeled diagram

Q.2.
(a) Explain role of /etc/passwd, /etc/shadow, /etc/group files with respect to user administration 10
(b) Write short note on 'working with web using shell script' 10

Q3.
(a) Explain use of grep command. Also give examples of use of c, i and v option with grep 10
(b) Write a note on process management in linux along with the relevant command for process management. 10

Q4.
(a) Explain File System Hierarchy (FHS) of Linux 10
(b) Explain various pipes and redirects 10

Q5.
(a) Explain role of Logical Volume Manager in Linux Kernel 10
(b) Explain the use of following Networking commands: i) ping ii) arp iii) host iv) traceroute v) ifconfig 10

Q6
(a) Publishing the Android application 5
(b) What are different layouts possible for a view derived from ViewGroup base class 5
(c) Describe role of Intent in Android Programming 5
(d) What is the role of init signal 5

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