Question Bank

19.1   List and describe five major functions of a system administrator.

19.2   What are typical start-up and closing down considerations?

19.3   What are the provisions a system administrator need to make for a new user?

19.4   In a multi-user system, how is the disk quota allocated?

19.5   How the disk partitions are created?

19.6   What is the role of .rc files?

19.7   Describe the use of .cshrc file

19.8   Describe the typical facilities that a mail system provides.

19.9   Describe five typical provisions to facilitate chat sessions over a network.

19.10   What are terminal settings? Describe the characteristics of vt100 terminal.

19.11   What is terminal emulation? How does it help?

19.12   Give an example of use of sty command.

19.13   What is the role of a print cap file? What is spooling?

19.14   How are the floppies handled in Linux environment?

19.15   What are the disk integrity checks? Give at least two checks to check out the integrity of a disk.

19.16   Create a mark display system. This has two actors, administrator and a normal user. The administrator can add the following details about the students : RollNo(unique), Name and grade.A normal user can only view the marks of a particular student by entering the roll no.The admin too can view the marks.The system should give functionalities based on the user. Proper error messages must be displayed.In case of admin, it should check if the roll no already exists in case of entry to the system.Bonus: Make the grade field not null. Modify admin so that he can view the grades of all students and the average of the class. Give admin a password.(Use of grep, decision making, writing to file, validation using shell programming).