**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**CHENNAI**

**18CSC205J - OPERATING SYSTEMS**

**QUESTION BANK**

**UNIT – 5**

**4 MARKS**

1.Define seek time, rotational latency and disk bandwidth.

2.Define RAID.

3.Define mirroring and data striping.

4.Define boot control block and partition control block.

5.What is called as dynamic storage allocation?

6.Define the importance of linear list and Hash table in file system.

7.What is called as double caching method?

8.Define NFS protocol and list out the operations supported by NFS..

**12 MARKS**

1.Explain about the various disk scheduling methods along with neat diagram.

2.Explain in detail about the different file access methods.

3.Explain in detail about the need for file sharing for protection .

4.Explain in detail about the file system structure and various levels of directory structure .

5.Describe the various file allocation methods .

6.Explain about the free space management and swap space management of file.

7.Explain the various levels of RAID along with neat diagram.