**SCS1301 –Operating System**

**Assignment – III**

**Part – A**

1. \_\_\_\_\_\_the amount of time required for the desired sector to rotate around and come under the read-write head.

2. Network attached storage *connects storage devices to computers* using \_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_is designed to use a bunch of cheap small disks in place of one or two larger more expensive ones.

4. The Process of copying data on two separate disks is called\_\_\_\_\_\_\_\_\_.

5. Data stripes at block level across several drives with parity stored on one drive is called \_\_\_\_\_\_.

**Part-B**

1. Give short note on Storage Area Network?

2. Find the order of the requests serviced by the head in the following data and show respective diagram.(Request Queue: 10,95,23,78,80, Assume head is at 50)

3. Summarize the need of network virtual terminal.

4. Brief on the negotiations of telnet.

5. What is PASV command in File Transfer Protocol.

Part C

1. Explain elaborately the RAID with suitable diagrams.