Homework #7

Q1 – Explain the 2 advantages and disadvantages between RAID 4 and RAID 6.

Q2 - What are different type of secondary storages available for operating systems.

Q3 – How booting can be done from external devices. Write down the steps in few lines.

Q4- How parity and mirroring help in data integrity and data reliability.

Q5- Show the head movement for the following queue when disk head is at 44. Use algorithm c-Scan and SSTF

Queue – 54,41,99,37,23,77,91,103,22,29,82,61

Q6 – T/F – RAID 1+0 is first mirroring then striping.

Q7 – T/F – Access to flash drive is faster than HDD.

Q8 – T/F – If seek time is 10 ms and random access time is 15ms then latency is 25 ms.

Q9 – T/F – SAN disk consists of several storage arrays.

Q10- T/F – Garbage collection is a way to find out error detection.