Reg No:

Name:

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(AUTONOMOUS)

1) What are the two surfaces of a platter covered with?

2) What information is used for both file-system management and performance improvement via caching?

3) What is the number of sectors per track not a constant on some drives?

4) What can be accessed only through well-defined and meaningful operations?

5) What can be used to indicate the internal structure of a file?

6) What prevents unauthorized access, malicious destruction or alteration of data, and accidental introduction of inconsistency?

7) What can be realized in a variety of ways?

8) What is a symbolic file name?

9) What is a non-human-readable name for a file?

10) What is the ECC an error-correcting code?

11) What does LOOK and C-LOOK scheduling do?

12) What is a direct access disk viewed as numbered sequence of blocks or record?

13) What mechanism provides us with the mechanism for specifying a variety of policies?

14) What is the time necessary to move the disk arm to the desired cylinder?

15) What are essentially abstract data types?

16) What does the C-SCAN scheduling algorithm essentially treat the cylinders as a circular list that wraps around from the final cylinder to the first one?

17) What is the time necessary for the desired sector to rotate to the disk head called?

18) What can be used to simulate last two with first method by inserting appropriate control characters?

19) What is the most common approach to the protection problem?

20) When a sector is read, the ECC is recalculated and compared with what?

21) What are the major difficulties with a hash table?

22) What does C-SCAN treat the cylinders as a circular list that wraps around from the final cylinder to the first one?

23) What can be used to simulate last two with first method?

24) What type of formatting fills a disk with a special data structure for each sector?

25) Who chooses the request with the least seek time from the current head position?

26) What is a linear list of file names with pointers to the data blocks?

27) What is the total number of bytes transferred divided by the total time between the first request for service and the completion of the last transfer?

28) What is the time necessary for the desired sector to rotate to the disk head?

29) What are eps necessary to create a file?

30) What do magnetic disks provide the bulk of secondary storage for modern computer systems?

31) What must be available to change the content of a domain to adhere to the need-to-know principle?

32) What dictates that programs, users, and even systems be given just enough privileges to perform their tasks?

33) What ensures the authentication of system users to protect the integrity of the information stored in the system?

34) What is a chained-overflow hash table used for?

35) What is the C-SCAN scheduling algorithm essentially treating the cylinders as a circular list that wraps around from the final cylinder to the first one?

36) What is a variant of SCAN designed to provide a more uniform wait time?

37) How can we improve access time and bandwidth by managing the order in which disk I/O requests are serviced?

38) What is an object-oriented way of implementing file systems?

39) If the association is dynamic, a mechanism is available to allow what?

40) What solves the external-fragmentation and size- declaration problems of contiguous allocation?

41) What is the name of a file that is written to?

42) Where is the closest request to the initial head position?

43) What type of disks provide the bulk of secondary storage for modern computer systems?

44) When the sector is read, the ECC is recalculated and compared with what?