THE WAY Kush Patcl 885857847

AFRICA CONTRACTOR OF THE PARTY 2) How much is average rowthown detal 15,000 Mm Seems for I min 605 X 1000 15000 (PW a verser reportance delail is half the true for one full rew 4ms = (2m/5) 2) How many records can be stored in one sector? 6145 my sector \$2, 20000 records, each 64 biles 512/64 = 8 (8 records per Sector) 3) How mant chuses one needed for the file? 8 Schors per christer 20,000 files each suctor of recents # of sectors needed = 20000/8 = 2500 sectors for file 17 OF Clusters needed - 2500 = 3/2.5 (3/3 clusters here) I How much is the time for reasing one track, including the seek time the overage rotational delay and transfer time Stell tim. 6 MS AVCHA VOVIEWI delay. 2m) 17/45 Per Haik: 400 selm x 5/2 bite por sector = 204,800 bites transfer rate: 204,800 bites / 4/100 = 51,200 bites / mis treamber time for one trait: 221,800 pto 19,200 bytes on 15= 4ms Total thre: 6MB (Sechting) + 2mo(Yahana dua) + 4m Arapsata) = (12mo)

5) Assummed continues stolane Delinery to rusto are stores in Huster from the same track as long as Posser, how much GOOD Sector Per Hack Ove track lakes 12 mg 8 record per sactor 84401-3200 reunds Per tran 20,000 - 6-25 Hacks 6.25 x12= (75 m) 7X12=84M/5 or Tracks 6) Assument the minimal transfer unit is one clinic, how min is the time for reading one charter, including sech time average rotational dela and transfer mo Edich Clintor Mus & sectors Sech fromi 6M3 rotation dela 2Ms 13 ms (Seen time) + 2 ms (rotethonal) data) +4 = (8.08 ms) 5m (seeks tre) + 2m) (rotagina) de/an) + (8) (00 0 mb) - 8.08m) 7) ASSUMMON VAINDOM YORDO ST TE record and every record is Stores in a different cluster, reading a Muster my include the such time, the armore rotations delay, and the transfer time for that Cluster, haw much is the Island the I'm readyp He whale the the each rund is stone that different clube We here 20,000 chulters 20000 Clusters X 8.08 m/s por cluster = 161600 ms