## OS Quiz 2018113012 Kushag va Agarwal

Bi) How Kaid level 3 and Faid level 4 improve selability. bitselability. bitselability. bitselability. bitsonganicate. In it the click controllers organicate. In it the click controllers organicate. In it the click controllers can detect construct a sector has been sead consectly. The bits of a failed sector consectly. The bits of a failed sector of be secovered by computing the parity of the senaining buts, thus increasing of the senaining buts, thus increasing seliability. Rails level 3 is also less seliability. Rails level 3 is also less apposed expensive as compared to level 2.

Rails level 3 relds just one parity disk, and here ordanicae the storage overhead possblen while keeping/maintaing the same trager same.

RAID well to the block interleaved pareity organization. It uses block level stripping instead of bit level stripping. Similar to RAIDB, if one block to disk fails then the pareity block (which is lept on a separate disk) and other blocks can be used to seconor the failed disk.

It woites the sesults in two writes: ore

the block and one for consesponding parity.

It allows multiple sead sequests to be

Corosied out in parallel. Also like RAID 3

it allows provides tesser storage overhead

which lowers fronther as more delike are

added.

32) why die ne wont the files & devices to have interface. suifed buffor cache uses the son 100 if we have a wheel medace the shoot worth from 10 devices can be ogleted inthe file eyeten synchronous? with no @ inconsistency in the value stored in menory to a task. Hence a unified interja de allows tros devices to be modelled as files here reducing

Scanned by TapScanner

BB) Briefly explain the impostance of Bos
and admission control?

Des guarontees are impostent for both Usors & provider wed grown as a good posterior of provider need through the formation of the provider need through the formation of the provider need through the provider of the provider need the first provider of the provider need the first provider through the provider of the provider need the first provider through the provider of the provider need the first provider through the provider through the provider of the first provider through the first provider through the first provider through the first provider the first provider of the first provider through the first

Admission control of 03 often use on admission control algorithm that admits a sequest for a acomice only if the sover sequest for a counces to soristy the has sufficient resources to soristy the requests arrange requests arrange in the accordated Qos. At-assigns of occurred and the resource manager rejects seconed and the resource manager rejects or service if it cannot allocate resources to meet the Qos.

By) In UNIX, system administrator (root) (on know the passwood of user) mouel talse

False.

Root on a vew stockhoolow that these passwords are stocked in an encrypted formed and have be too less for it can revor dicorps and have be too less for it can revor dicorps then. Guessing the password formaths hash value (MDS) 13 not possible without a de confirme software, Root con they a de confirme software, Root con

(25) Brogley explain the following consisting congrices with possitive to regadive - -. i) mix senontice » Unix file eyeten ca mate to a sper five visible mediately to other views of the some open the sharing of the file panter takes place to allow multiple users to scool/write concursonally. >> Adv BUT as the file which is started is also crated with a single physical image that is acressed als avex clusive sesource. This single image -> Distor causes delays in user rooccesses ii) session conantics - Anabrem fle system (AFS) implements seeson semantice vering complex senote fle showing. Towards to me writes to on open file by a user are not visible immobilisely to Other word that have the some till open. Those commes auto only visible to sessions starting after the file is associated with mulder images herce othere is no delay and multiple users Con a cross concurrently on these