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Question-12

As per given data

Cycle time = 50sec

Stree of the pratruction = 32 bpt

Speed of the bus = 160 MBytes | Sec.

For single 32bit a instruction fetcher and executer in Insec.

The Computer is made up of an Ultra 4 - SCSI disk that sum on the bus at a speed of 160 MBy tes kec, con the

Can be assumed to Consists of it before per word that your got

Thus, the transfer safe of the disk is: IT to plant

Transfer - 6 ate = Speed Word-52e 4 0000 4 0 20 down

= 160 = 40 mp 1/100 words | sec.

From the above transfer rate, 200 mellion bus cycles per

second the drak sate is 12 = 26,0=26 (0=86 ==012

= 40 = 0.8 0=FA (0=36 ,0=26 3x/2

Percentage Slowners = 0.2×100

1 20%. 0 0100 d & salvanta