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வ. Аเ๐ท์ォทร

## 1)

1) a) $\Pi \omega \varsigma ~ \mu \varepsilon \tau \rho เ \varepsilon ́ \tau \alpha ı ~ \eta ~ a \pi o ́ \delta o \sigma \eta ~ \tau о \cup ~ I / O ~ \sigma \varepsilon ~ \varepsilon ́ v \alpha ~ \sigma v i \sigma т \eta \mu \alpha ~ H / Y ; ~$

Access Time $=\mathrm{T}($ seek $)+\mathrm{T}$ (rotation latency) +T (transfer) +T (controller)











2\% каı to miss-penalty عival 10 кúk



$\delta เ \alpha \gamma \rho \alpha ́ \mu \mu \alpha \tau \alpha$ ү $\alpha \alpha \kappa \alpha \theta \varepsilon \pi \varepsilon \rho i \pi \tau \omega \sigma \eta$.













