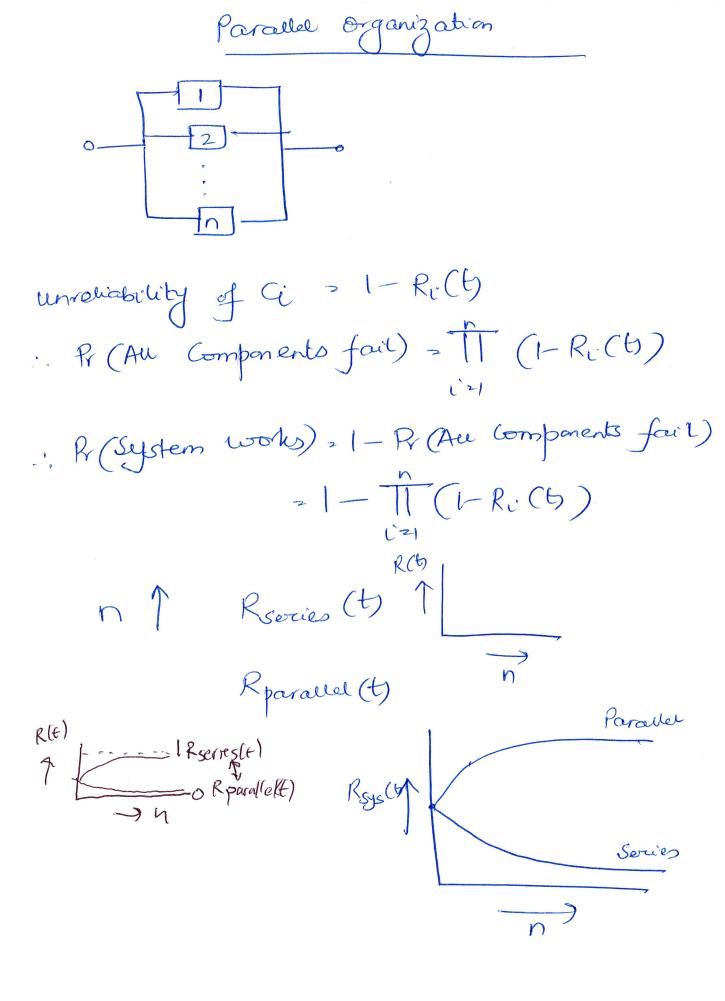
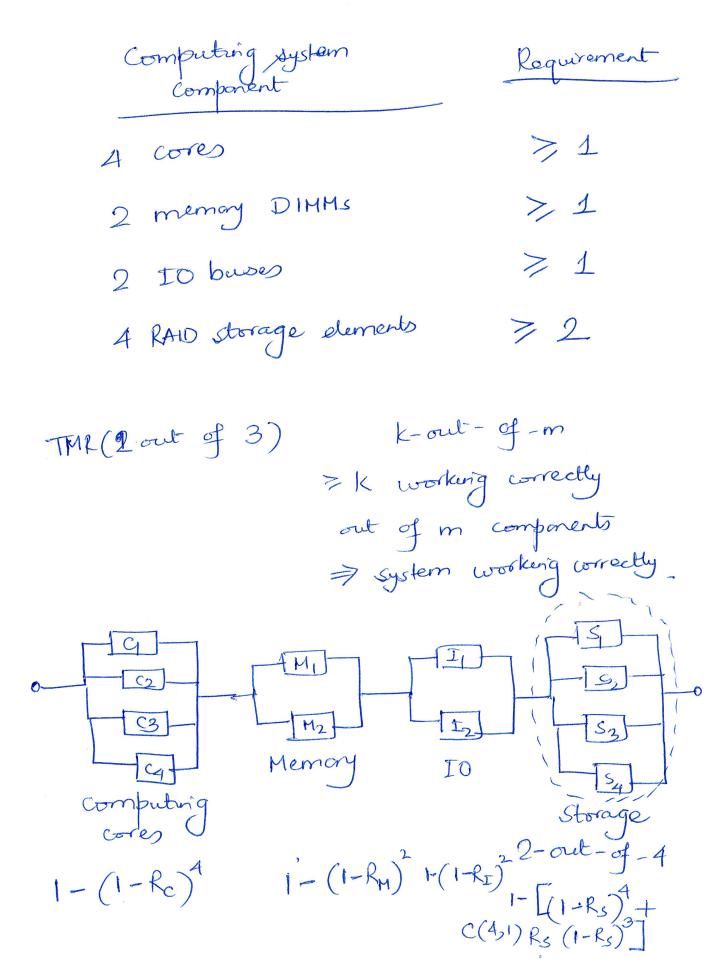
casel

Failures of components are independent Pr (System working) = Pr (q and C2 working) - Pr (q working) * Pr (C2 working) Rays = R1 * R2 Failures of components are dependent. Pr(System met working) 2 Pr (G and C2 working) = R(G working) & R(G working) Gworking) R₁ * R₂|1 Conditional reliability
C2

Serues System



Hybrid Serves Parallel Systems



Rain Does not rain

Pr (Soccer) = Pr (Ravi) * Pr (Soccer Ravin) +
Pr (! Ravin) * Pr (Soccer ! Ravin)