15) (=(y) = max {xy - c(x)} show this is convex w.r.t. y convex fune: f(x) is convex if & only if $f(x \times 1 + (1 - \lambda) \times 1) = \lambda f(x_1) + (1 - \lambda) f(x_1)$ Yx,xz EX, YX E [O, 1] dis(y) = x + coly) is linear w.n.t. y dicty) = 0 | " max(c'(y)) is convex wor, by