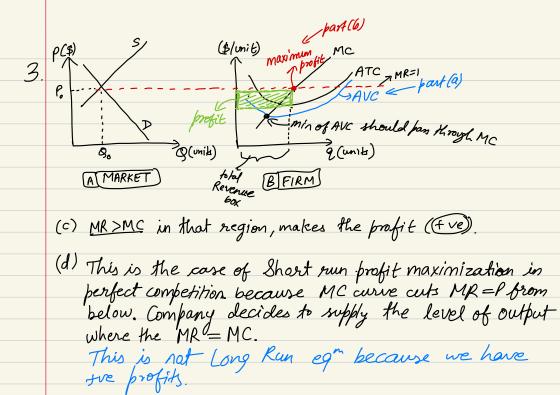


(a) fixed costs: \$20 from 6 goods and will pay - for laborer 1, company will make \$6 \$4 to worker, so it's feasible. - for laborer 2, company will make \$8 from 8 extra goods & will pay \$4 to worker, so it's feasible Similarly, till Laborer 6. The company will not hire laborer 7 because the MC>MB. Optimum number of laborers hired = 6 (b) Benefit - Cost = 42 - 6(4) - 20 = -2\$ → loss of \$2, so firm will not produce in long-run. The overall welfare will obcrease as the cartel of firms will strongly look forward to maximising their profits by increasing the number of quantifies for duced, triving, workers at low wage and raising the market prices, but the quantify will decrease.



4. Assumption: Perfectly Competitive market of taxials
4. Mayor imposed additional fixed cost of \$1000 as licensing fee to operate a taxical per day. * current situation (short and long run equilibrium) Zero profits, everybody maximish profits Short run: fixed cost 1 profit (-ve) Firms will be dropping out, Long run: fares will be rising,
equillibrium fare will rise, quantity will go down, profits will eventually be 0 5. - Stopped renting out mt-cottage for \$3500/year & used it office - Spent \$50,000 on equipment, phone, utilities etc. - Leased equipment for \$10,000/year. - Paid \$ 15000 in wages to an assistant guide. - Used \$10000 from her sawlys acc, which paid 5% interests. - Borrowed \$40000 at 10% interest rate from a bank (- Sold \$ 160000 worth of wilderness tours. (a) explicit costs = 50000 + 10000 + 15000= 79,000 = 79,0000 = 79,000 = 79,000 = 79,000 = 79,000 = 79,000 = 79,000 = 79,0000(b) implicit costs = 3500 + 500 + 60000 $= \frac{1}{64000 \, \text{s}}$ accounting
(c) Profit = 160000 - 79000 $= 31,000 \, \text{s}$ (d) Economic profit = 160000 - 79000 - 64000= $(17,000 \, \text{F})$

T-Earlier Salary of Ana: \$60000 (year in 2001 (X)

(b) price at which growers Growers will shut down when decide to shut down
$$\Rightarrow$$
 $MC = min(AVC) = $12/burst$

Rough ATC =
$$\frac{TC}{Q}$$
 $\frac{VC+FC}{Q}$ = $AVC+AFC$
ATC - AVC = AFC = 5
 FC = 5×2000 = 10000