apter 10: 12, 17, 20 29, 23

per 9

A 52 S2 GOOD

Subordy shifts supply from S. to St. Consumer supply changes from AtB to A Producer surplus changes from C1G to C1G1B+D

Com Government expenses change from B to B1C+D+E+F

equilibrium price whout text is p=5 and quantity is 0:50.
I lax: Ormand function is 0:100-100p and supply function remains the same.

The equilibrium: p:5.5 and 0:45

consumer surplus decreases by $(50 \pm 45) \times C$ producer surplus decreases by the same overnment tax persons revenue is 45 ful = $(33.75 \times 2) - 45 = 0.5$

with price ceiling, equilibrium is p=3 a=30

consumer surplus increases by 2.30 - 2.50-

39) equilibrium p and q arc!

P* = 6.44

O* = 6743

Consumer Surplus

[-44 50,000 p -1.0x dp = 971,059.14

Producer Surplus

\[\int_{0.01} \rho^{1.208} d\rho = 9301.048
\]

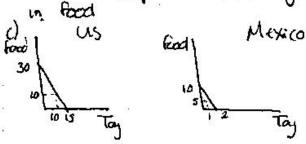
Chapter 10
12) Yes, they may want to trade. If two individuals consume different bundles and have identical preferences, their MRS may be unequal and may gain by trading.

ex: U: XY Person 1 nos 4x, 24

Person 2 has 2x, 44

by trading 1x fer 1y, both can get a utility of 9.

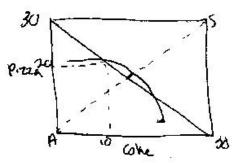
19) a) In absence of trade, the US can produce 30 food and 15 logs. Mexico can produce 10 food and 2 logs to US has comparative advantages in tays and Mexico



Joint Proof of to

e) If US products 5 food and 12.5 units of Good and Moxico produces 10 food, too botal goods is greater than when there is no trade.

20) a) MRS is -1 for each person b) Contract curve is on 45° line



Extra Credit
24) See equation 10.13

Note that MRS,: -#:, MRSm: -#m, 6, & 6m = 100

and H, + Hm: 50

equate MRSs and use info about endowments

we get: 100 6m + 100 Hm - Hm 6m = 0

Part 2

1). Invisible hand worths:

interconnected markets, competitive markets,
general industries
fails:

· specific products, monopolies, oligopolies, isolated markets

2) Freneral Eq.:

good for qualitative understanding, analyzing large, interconnected markets

bad for quantitative analysis, single-market analysis, etc.

Portial Eq.:

opposite of general