Ext (00t: 5,000,000

9.] # x is produced in competitive market

in a position to change market trice of good X.

a) The suffly couve will shift leftwards, contraction in suffly:

b) Same effect as case 'a'

e) Suffly curve will shift sughtwards, expansion in suffly.

92] Qxd = 1200 - 12 Px + 1 Py - 8Pz + 1 M

a) y is a substitute good as acc to the eght if by increase Qxd will also increase

Z is a complementary good as 1 12 will I Qxd.

in crease M (Income) in egn Qu'd will also in crease.

Px = 4910 Px = 5900 Pz = 90 M= 55000 c Putting in equ ( housen token på septer 0000 = 200 FEP outers to the pile which sollers ga] qd = 50-P was qs = 1-P -101  $Q_{s} = Q_{q}$   $20 - b = \frac{1}{7}b - 10$ a) At equilibrium, So, | Pe = 40 | Qe = 10 It septers to the price which consumpted 18 a simplies & 1 b Qs = 1 × 42 = 10 = 11 > (20) at 42 and work Pe = 40 Swephus P= 9829 Qd 10 9s Sh = 5-05 = = 13

$$Q^{S} = \frac{1}{2} \times 30 - 10 = S$$

At 30 =  $50 - 30 = 20$ 

Shortag =  $9d - 9s$ 
= 15

\* Full Économie Price It refers to the frice which consumers must have haid if suffliers sufflied such low 9ty (Qs) without frice Ecelling of [ see graph] 16 Proxip : PossiEles EP = 50-5 = 45 Starting of 9d - Ps Lype Ha busher so worker of bird siners

(19a) of At Equilibrium = 
$$Q_s = Q_s$$
 =  $Q_s$  =  $Q_s$ 

b) If tax is imposed on sufflier supply will seeduce i. i.e. upward shift by 6 unit

Now Px will shift upward by
6 units

$$P_{c}' = \frac{1}{4} P_{x} - \frac{1}{2}$$

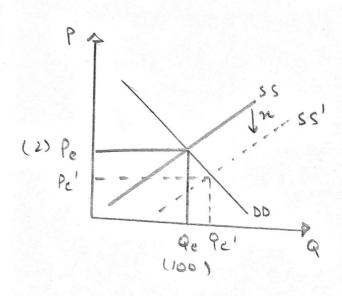
$$4 \varphi^{S} = P_{x} - 2$$
whitting SS
$$P_{x} = 4 \varphi^{S} + 2$$
whitting SS
$$P_{x} = 4 \varphi^{S} + 2$$

No H M32000 2 H20MOR = Px = 405 + 2 + (6)

So, sat ornew wealth mind to use of two  $\frac{1}{4}P_{x-2} = 7 - \frac{1}{2}P_{x}$   $|P_{e}' = 12||Q_{e}' = 1|$ 

95] Ps = 0.020 Pd = 3-0.010 a) At Equilibrium Ps= Pd (Also, Qs= Pd) 7-1010 = 3-0.010 15-00/ 1Qe=100) 11 ku jelylus resilfus sufflies sufflig will supplies the At Price place of \$2.2 80 = 1 = 3 - 2 · 2 = 80  $Q_{8} = \frac{2 \cdot 2}{0.02} = 110$ over bittinged qe 93 = 91 9 Sweeples = Qs - Qd = 30 units Aty demanded (Qd) = Domestic Consumption 191-1-10 = 80 mits = 20 coul Cast to gov of bying surplus 30 x 2.2 = 66 1 Pe = 12 | Ge = 1 | Tax levenue = (Tax Poice) x (Qty Sold)

## b) Suffere subsidy of £n was given (this will effect the supply curve only)



At eqlb  

$$0.02Q-n=3-0.01Q$$
  
 $Qe = \frac{3+n}{0.03}$   
 $Pe = 0.02(\frac{3+n}{0.03})-n$   
 $= \frac{2}{3}(3+n)-n$   
 $= 2+\frac{2}{3}n-n$   
 $Pe = 2+\frac{2}{3}n-n$ 

For Farmer = Subsidy + Pe 2.2 = n + 2- n 3

Qe = 110 units  
Cost for 
$$gov = Price \times Qty = (0.3)(110)$$
  
= 33

n= 0.3 = 30 y.