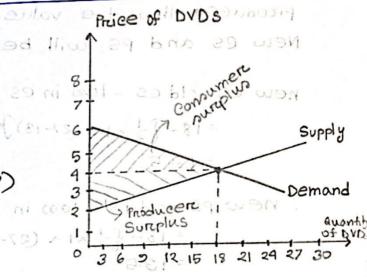
# Assignment-1

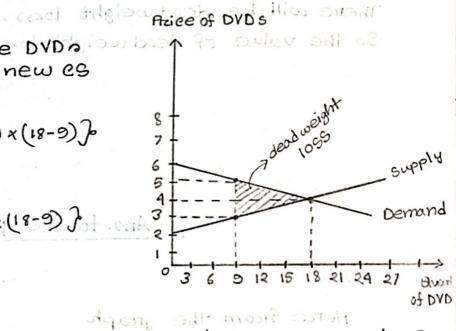
Am. to the gues. no- I william is book trassen

2) :. Consumer surplus,  $=\frac{1}{2} \times 18 \times (6-4)$ = 18



b) If the production of the DVD? become 9 million the new es and ps will be

: new 
$$09 = 18 - (\frac{1}{2} \times (5-4) \times (18-9))$$

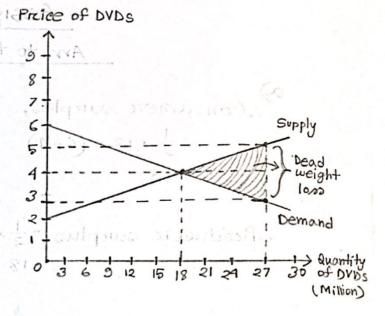


If underepreduction occur in the market then es and ps will decrease. Cyvillbrown m

If overcproduction occurs in the Price of DVDs market and 27 million DVDs are produced than the value of 8New Cs and PS will be

new es = old es - loss in es  
= 
$$18 - \{\frac{1}{2} \times 1 \times (27 - 18)\}$$
  
=  $13.5$ 

: new ps = old ps - lom in ps = 18- { \frac{1}{2} \times 1 \times (27-18) } = 13.5



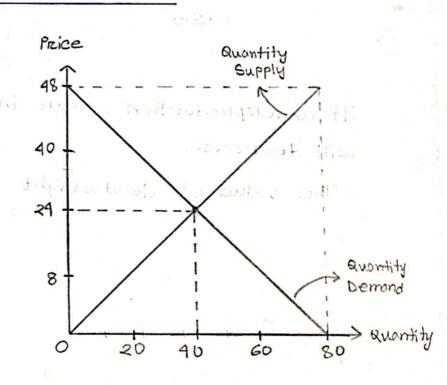
There will be dead weight loss.

So the value of dead weight loss =  $\left(\frac{1}{2} \times 1 \times (27-18)\right) + \left(\frac{1}{2} \times 1 \times (27-18)\right)$ 

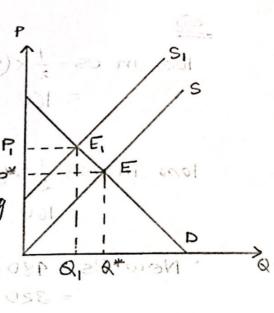
#### Am. to the gues no-2

Herre, from the graph we see that, the equilibrium price is 24 and the equilibrium quantity is 40.

0)

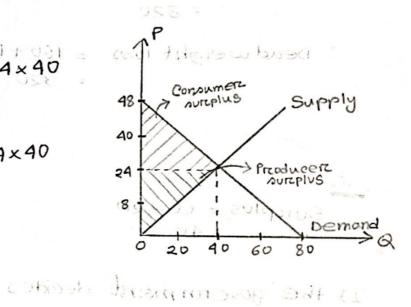


D We know if production cost increases then supply curive shift to the left. From the greaph we can see that if the supply curve shifted to the lest ip the equilibrium price is increasing and equilibrium quantity is decreasing. So, the given statement is false.



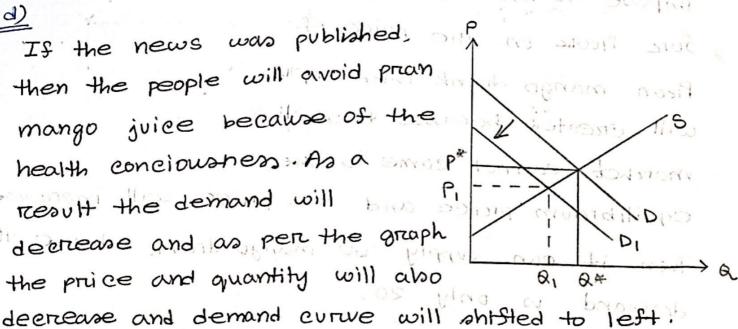
: Consumerz sureplus = 1 x24 x 40 = 480

: Preoducere surplus = 1 x24x40 = 480



Ne 0 PG = 980-160

If the news was published, then the people will avoid pran mango juice because of the health conciousness. As a SmosP\* result the demand will decrease and as per the graph the price and quantity will also





D We know it production cont loss in cs = 1 x (40-20) x (40-29) y gque post cochensin iest. From the

= 160

98 see that if the lom in ps = 1 x (40-20) x (24-8)

1301 CM 33171 54

· Preconcer surplus = = x24x40

er ktitumbstan : New Cs = 480 +160 tota novig out = 320

.. Ne w Ps = 480-160 = 320

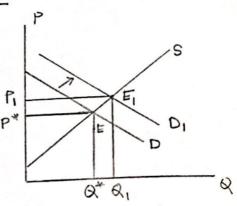
.. Dead weight long = 160 + 160= 820 ASX == aurapina == x24 0000 980

If the government decides to impose 40 taka as a price

fore floore on the price of 24 Prean mango drink then surplus 8 will created because then the o 20 market earnot come to the sacronos attoon equilibrium price and the price will increase. Then it can supply 60 mango drink where the Appendice and shrowpyth is only 20. housewas and demond conve conti

### Am. to the ques. no-3

Description of the demand for ham burgers will increases because hamburgers and tacos are close substitude. So if the price of tacos will increases people will eat hamburger instead of tacos because of the price. So increasing the demand for hamburger shifting the demand curve to the reight.

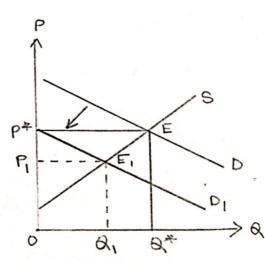


b) In this case, the demand for the hamburger will fall. Because hamburger and french fries are complements, so an increase in the price of french fries will trigger a fall in the demand for french fries itself and

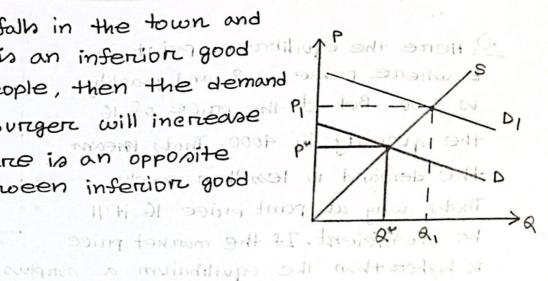
also of hamburgers. As a result, demand curve shifts to the left and price falls from p\* to P, and quantity from R\* to R. .

2) If in come falls and hamburgers

e) If income falls and hamburgers are normal goods then the demand of the hamburgers will decrease. This will shift demand curve to left from D to D1, equilibrium price p\* to P1 and quality from Q\* to Q1.

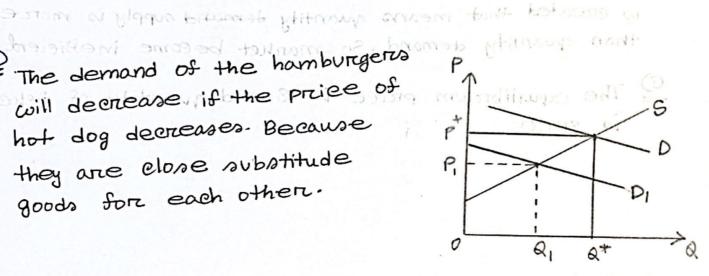


If income falls in the town and hamburger is an infertion good that I sale for most people, then the demand of the hamburger will increase P because there is an opposite p relation between inferior good point price 16 it 11 and income.



The demand of the hamburgers p will decrease if the price of hot dog decreases. Because they are close substitude goods for each other.

New demond



Prive

# Am. to the ques. no-4

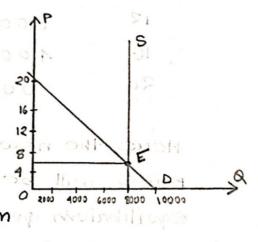
Ordaind avoicing

dem and

a) As the law of supply, the supply will increase if the price will increase. or the supply will decrease if the price decrease. In this graph, as the price rives, the supply curve is remained ? unchanged. The quantity supply remain

ptitional quantity

bromab



8000 though the price in crease. This is the runusal about this grouph.

Herre the equilibrium point is in 8000. But at the price of 16 the quantity is 4000. That someons 12 the demand is less than supply:

That why at point price 16 it ill the in esticient. If the market price is higher than the equilibrium a surplus is created that means quantity demand supply is morre than quantity demand. So market become in esticient.

The equilibraium praice is 8 and quantity of ticket is 8000.

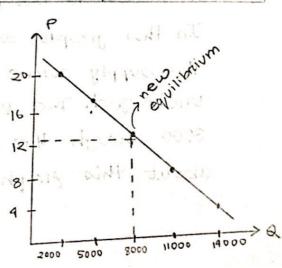
they are close substitude goods for each other.

9)	Price	Orciginal avantity demand	Additional quantity demand	New demand
	4	100001	4000	14000
	8	8000	3000	11 0 0 0
	12	6000	2000	80 00
	16	4000	1000	5000
	20	2000	0	2000

Herre, the new equilibrium

price will be 12 and

equilibrium quantity will be
remains 8000.



### Am. to the ques no- 6

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2) Herre,

1 metrie ton of fish = 2000 rooms

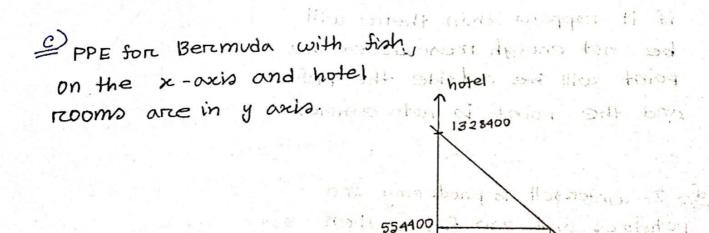
2000 hotel stays in the opportunity cost of 1 metric ton fish

554400 "

=277.2 47 ....

Total fish = (387 + 277.2) metric ton

= 664.2 metric ton.

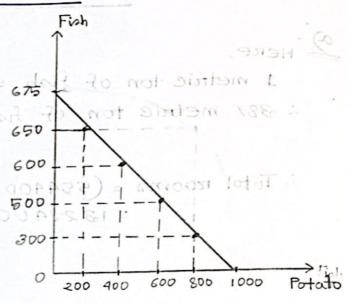


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T. Olan

#### Am to the gues no-6

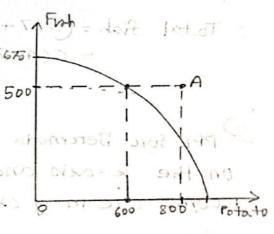
0 Here in the x axis is potato and in the y axis is fish.



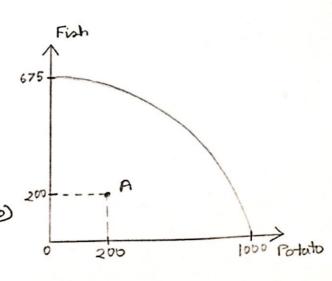
1) If wintersfall produces no fish, then the maximum potato preoduction is 1000.

2000 hatel stays in the opportunity cost of 1 metric ton liph

e) No, wintersfell can not produce - print lot 500 pounds of fish and 800 65 pounds of potatos. Because if it happens than there will be not enough resonances. The more land point will be owtside the pps on and the point is not essicient.



2. If wintersell is producing 200 potatoes and 200 fishes then resources will still available. So, the graph is possible but not efficient. They can additionally produce fish (650-200) =450

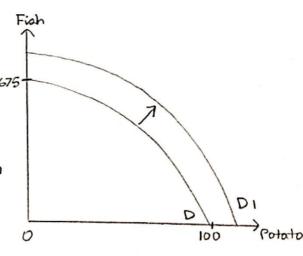


e) The opportunity out of increasing annual out pult.
of potatos 600 to 800 pounds is (500-300) = 200 pounds
fishes.

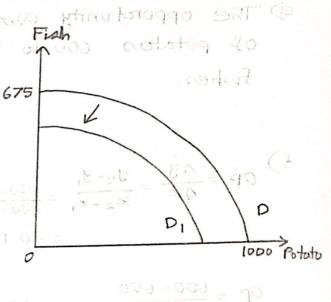
As a resoult the production f)  $OP = \frac{Ay}{Ax} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{650 - 675}{200 - 0}$  bottine of 1000 = 1 600 =-0.125 800 300 500 600 Op = 600-650 400-200 = -0.25 400 600 650 200  $OP = \frac{500 - 600}{600 - 400} = -0.5$ 675 0  $OP = \frac{300 - 500}{800 - 600} = -1$  $OP = \frac{O - 300}{1000 - 300} = -1.5$ 

.. The ppf shape is concave because the opportunity cost is increasing.

As the discrimination against women and minorcities, Wintersfell legally ended up in the work place the demand will be increased and production will be increased and the graph will shift in the right.



Because of the wars, many Fish facilities were bombed and people were killed, As a result the production and supply is decreased and the greaph is shifted to the left.



100-2001

00 = <u>600 - 600</u>