1. Forceest the smo for year 2010 and 2012 on the basis of rgiven data

For 2010: $y = 82.85 \times 412.5 \times (5) = 145 \text{ prov} + (2010) = 145$ For 2012 $y = 82.85 + 12.5 \times (7) = 170.35$

Scanned with OKEN Scanne

Q2 To find the market demand schedule and market demand eur. ve.

We need to aggregate. The individual demand schedules of all consumers for each price.

Demand schediule.

Price 5. B=90 L=20 Quartit / A = 80

Total=80+40+20=140

Quantity A=10; B=90; e=15 Total =10+40+15=65

Quantity A-0 B=10 e=6

Total = 0+10 +0=10

Quantify A-0=B=e Total = 0

Market Bernard sehudule:

Market	Benard	Serve			
Pnice	fotal				
5	140				
	65		Manket	Jemand Ecit	ve.
15	10	140 4			
20	0	60			
		prier ga			
		20			>
			5 10	5 20 25 0 1 16	
			64ar	Ocan Irch	pemacoca

Scanned with OKEN Scanne

Given the demand fune.

Qd = SW-SP

Anding ad Robs:

P= 15

Q2=5w-159

Price to sell 200 units

Q d = 200

200 = 5 W - SP

Scanned with OKEN Scanner

=> Sp = 5W - 200 >125W-200

Price for zeno demand

(Da - 0

0 = 5 " -SD

=>Sp = 5 W

at zeno price p=0: at = 5w-S(0) => Qd=54

.. Q a at Ps 15 is 5w-455

· The phil to sell 200 with is Eu-200

For Gest of 7/2 more

Quantité demand decressed.

Scanned with OKEN Scanner