Jema 1 2016 - 2017

Micro

$$Cop A = ? = \frac{P_{+}}{P_{B}} = \frac{250}{500} = \frac{1}{2} \Rightarrow 1A = \frac{1}{2}B$$

$$CopA = \frac{Q_B}{Q_A} = \frac{4}{8} = \frac{1}{2}$$

2. 
$$Q_1 = 100$$
  $Cop_c = ?$   $Cop_c = \frac{Q_1}{Q_c} = \frac{100}{20} = 5 = >$   $Q_c = 20$ 

$$= 20$$

$$= 7 4c = 5i$$

3) Q UT Umg. 
$$Umg = ?$$

1 35 -  $Umg = ?$ 

2 63 28

3 89 26

4 113 24

5 135 22

6 135 0

7 120 -15

4) 
$$UT = (x + 1)(y - 5)$$
  $Q_{x}^{*}$ ,  $Q_{y}^{*} = ?$   $P_{x} = 10$   
 $Umg_{x} = (uT)_{x}^{'} = y - 5$   $V = 120$   
 $Umg_{y} = (uT)_{y}^{'} = x + 1$ 

$$\frac{2P_{x}}{P_{x}} + y_{y} P_{y} = V$$

$$\frac{U_{mg}x}{P_{x}} = \frac{U_{mg}y}{P_{y}} \stackrel{2}{=} V$$

$$\frac{y_{y}-5}{10} = \frac{x+1}{20}$$

$$\frac{x+2y=12}{20} \stackrel{2}{=} V$$

$$\frac{y-2y=-1}{20} \stackrel{2}{=} V$$

$$\frac{y-2y-1}{20} \stackrel{2}$$

-3-

$$20 - 3.4 = 20 - 12 = 8.$$

=> X = 4

8) Doring 2) 
$$P_0 = 300$$
  $Q_{C_0} = 200$ 
 $P_1 = 250$   $Q_{C_1} = 400$ 
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 $P_2 = 250$   $Q_{C_5} = 200$ 
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 $P_5 = 250$ 
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 $P_5 = 250$ 
 $P_5$ 

$$K_{e_{c/p}} = 1,25$$
 $F_{1} = P_{0} + 10\% P_{0}$ 
 $K_{e_{c/p}} = -\frac{X' \cdot Q_{c}}{A' \cdot P} = 0$ 
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| 
$$V_0 = 500$$
 |  $Ke_{C/N} = ?$ 
 $V_1 = 750$  |  $V_0 = 1000$  |  $V_0 = 1200$  |  $V_0 = 1200$  |  $V_0 = 1200 = 1$