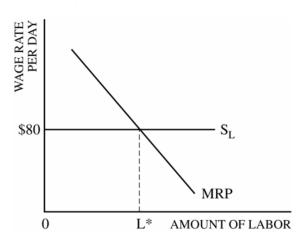
AP® MICROECONOMICS 2006 SCORING GUIDELINES (Form B)

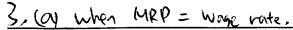
Question 3

7 points (1 + 1 + 3 + 2)

- (a) 1 point:
 - One point is earned for stating that MRP=MFC.
- (b) 1 point:
 - One point is earned for calculating the price: \$80/20=\$4



- (c) 3 points:
 - One point is earned for a correctly labeled graph with downward-sloping demand curve.
 - One point is earned for drawing a horizontal supply curve.
 - One point is earned for showing equilibrium amount of labor.
- (d) 2 points:
 - One point is earned for stating that the amount of labor will increase.
 - One point is earned for explaining that MRP>W.



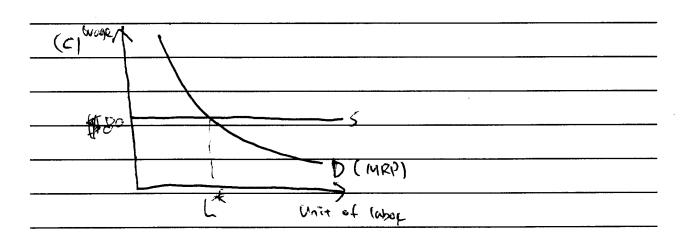
That means, the profit maximizing amount occurs when the marginal means revenue product (Marginal Physical Andre X Price)
manals the lage mate of one authorismal worker.

(b) MRP = MPP_XP = Wage

Ly 20 x P = 80

3, P=4

4 a towel costs \$4 each.



(d) MRP=MPPLXP

The processes, MRP also increases, ceteris paribus.

Wase 1

Limpo D D'CIMPP')

Limpo D Limpo D'CIMPP')

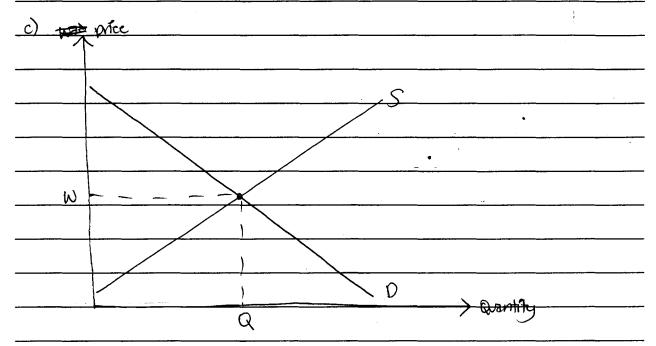
Limpo D Limpo D'CIMPP')

The quant The profit-maximizing quantity of labor to cases, from L* to L**:

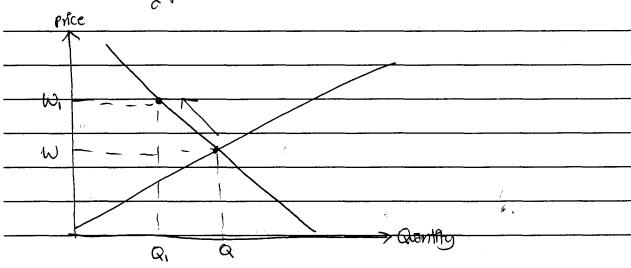
Write in the box the number of the question you are answering on this page as it is designated in the examination.
a profit-maximizing amount of labor should be set where supply
Curve meets \$ 80.
(b) MP XP = Wage \$20 XP = \$80 P= \$4.
(c) wode s
1400
#90
Guantity
(of labor)
a) If price of a tower increases,
MPXP=wage. wage would increase. If wage increases
labor supply would increase. Consequently quantity of labor
Thureases_
macues.

- a) The conditions necessary for hinning the profit maximizing amount of book

 B that the marainal product of the last worker equals the output
- b) profit maximizing level of extrat = price of touch



d) If the price of the towal Pricease, Pride Textile's profit - maximizing quantity of boor will be affected. It will decrease the quantity of boor and increase the price of their wages, as shown from Q to Q1 and 10 to U1 in the glaph below.



AP® MICROECONOMICS 2006 SCORING COMMENTARY (Form B)

Question 3

Sample: 3A Score: 7

The student received full credit.

Sample: 3B Score: 4

The student earned the point for part (b) for indicating the price of a towel. Two points were awarded in part (c), but the point for drawing a horizontal supply curve was not awarded. The first point in part (d) was earned for stating that the quantity of labor will increase.

Sample: 3C Score: 2

The student earned 1 point in part (c) for a labor market graph with a downward-sloping demand curve, and a second point for showing the equilibrium quantity of labor.