The materials included in these files are intended for use by AP teachers for course and exam preparation; permission for any other use must be sought from the Advanced Placement Program®. Teachers may reproduce them, in whole or in part, in limited quantities for noncommercial, face-to-face teaching purposes. This permission does not apply to any third-party copyrights contained herein. This material may not be mass distributed, electronically or otherwise. These materials and any copies made of them may not be resold, and the copyright notices must be retained as they appear here.
Question 1

Sample 1MICLA – 12 points
Student earned all points.

Sample 1MICLE – 8 points
Student lost 3 points for failing to show the shift of the supply curve, the identification of the new price and output on the market graph, and the decrease in demand (MR) in part (c). The new position of demand curve in part (d) is not indicated.

Question 2

Sample 2MICLA – 7 points
Student earned all points.

Sample 2MICLD – 4 points
Student earned 3 points in part (a) for showing the downward-sloping demand and MR curves, the MR=MC output, and finding the price on the demand curve above output. The deadweight loss is correctly identified.

Question 3

Sample 3MICLA – 7 points
Student earned all points.

Sample 3MICLD – 4 points
Student received 1 point for correct definition in part (a). In part (b), the student received 1 point for the correct labor market graph and 1 point for identifying the quantity of workers the firm will hire shown by the intersection of the firm demand and supply. In part (c), the student earned 1 point for the correct explanation of the increase in workers hired.