

a)

$$PIB = C + G + I + Ex - Im$$

$$PIB_{1991} = 6434,9 + 1741,3 + 2735,5 + 3150,7 - 4125,2 = 9937,2$$

$$PIB_{1992} \text{ (Correntes)} = 7379,5 + 2049,3 + 3079,8 + 3223,4 - 4389,0 = 11343$$

$$PIB_{1992} \text{ (1991)} = 6737,7 + 1762 + 2870,6 + 3306,7 - 4593,1 = 10089,1$$

b)

$$\text{Preços de mercado} \Rightarrow PIB_{pm} = DI$$

c)

$$\Delta PIB = \frac{PIB_{1992} \text{ (1991)} - PIB_{1991}}{PIB_{1991}} \times 100\% = \frac{10089,1 - 9937,2}{9937,2} \times 100\% = 1,53\%$$

$$\Delta C = \frac{6737 - 6434,9}{6434,9} \times 100\% = 4,71\%$$

$$\Delta G = 1,19\% \quad \Delta I = 4,94\% \quad \Delta Ex = 4,95\% \quad \Delta Im = 11,34\%$$

d)

$$\text{deflator}_{PIB_{1992}} = \frac{PIB_{nominal}}{PIB_{real}} = \frac{11343}{10089,1} = 1,12$$

$$\text{deflator}_{PIB_{1991}} = \frac{9937,2}{9937,2} = 1$$

$$\Delta \text{deflator}_{PIB_{1992}} = 1,12 - 1 \times 100\% = 12\%$$

$$\Delta \text{deflator}_C = \frac{7379,5}{6737,7} - \frac{6434,9}{6434,9} \times 100\% = 9,53\%$$

$$\Delta \text{deflator}_G = 17,69\% \quad \Delta \text{deflator}_I = 12,59\%$$

$$\Delta \text{deflator}_{Ex} = 2,31\% \quad \Delta \text{deflator}_{Im} = 6,39\%$$