

UNITED INTERNATIONAL UNIVERSITY

Assignment 02

Name of course: Economics

Course Code: ECO 213

Submitted To: Sumaiya Binte Kabir (SBK)

(Lecturer United International University)

Submitted By: Md. Asaduzzaman

ID: 011 193 146

Section: A

Department: Computer science and Engineering (CSE)

Anouers to the question no-1

* Note that base years is 1980.

Years 1980;

Nominal CODP = Total value of Sinal goods produced at a current price

= 1x500+5x300+ 0.70x 300

= 2210

Real CODP = Total value of Amal goods and services produced at base year price.

= 1×500+5×300+0.70×300

= 2210

and Deflators =
$$\frac{\text{Nominal GDP}}{\text{Peal CNDP}} \times 100$$

= $\frac{2210}{2210} \times 100 = 100$

Years 1990;

Nominal
$$GDP = 1 \times 600 + 10 \times 200 + 0.80 \times 400$$

= 8920

Inflation texte =
$$\frac{155.31 - 100}{100}$$
 × 100 | Chop Deflators traised 100 to 155.31 in 1990.

Your:1991:

Nominal C1DP = $4.05 \times 500 + 10.50 \times 210 + 0.75 \times 420$ = 3139.5

Real 9DP = 1 x 590 + 5.x 210 + 0.70 x420 = 1934

CIDP Deflators = $\frac{\text{Nominal CIDP}}{\text{Real CIDP}} \times 100$ $= \frac{3139.5}{1934} \times 100$

= 162.33

Inflation rate = $\frac{162.33 - 1600.155.31}{155.31}$ rate = $\frac{162.33 - 1600.155.31}{155.31}$ rate = $\frac{162.33 - 1600.155.31}{1000}$ rate = $\frac{162.33 - 1600.155.31}{1000}$ rate = $\frac{162.33}{1000}$ in 1901.

Inflation reate between 1980 and 1991 is:

$$= \frac{162.33 - 100}{100} \times 100$$

Answers to the guestion no-2

Year 1980:

cost of the busket =
$$1\times5+5\times3+0.70\times3$$

= 22.1

Yeare 1990:

Years 1991:

* Dase year is 1980:

CP7 in 1980:

$$CPI = \frac{22.1}{22.1} \times 100$$

$$= 100$$

CPI m 4090:

$$CPI = \frac{37.4}{22.1} \times 100$$

$$= 169.23$$

CPI in 1991:

$$CPI = \frac{39}{22.1} \times 100$$
= 176.479.

Inflation reale in 1990:

Inflation teate in 1991:

Inflation roate =
$$\frac{176.47 - 169.23}{169.23} \times 100$$

= 4.27%

Inflation rate between 1980 and 1991 is

$$= \frac{176.47 - 100}{100} \times 100$$
$$= 76.47\%$$