

Assignment on 2.3 Ch for OLD SYLLABUS under 1+1+1 system

BANGABASI COLLEGE

B. Com. Part –II (Hons.) (Under 1+1+1 system)

Internal Evaluation, 2020

2.3 Ch: Economics II & Advanced Business Mathematics (50 marks)

ASSIGNMENT

Module I: Economics II (25 marks)

Answer any one:

1. Discuss the concepts and measurement approaches for GDP, GNP, and NNP.
2. Derive IS and LM curves and determine the equilibrium point.
3. Distinguish between Demand-pull and cost-push theories of inflation.

Module II: Advanced Business Mathematics (25 marks)

Answer any one:

4. A matrix is given as

$$\begin{matrix} -1 & 0 & 3 \\ 3 & 2 & 2 \\ 0 & 0 & 1 \end{matrix}$$

Find the inverse of the matrix

5. Find the determinant of the following matrix using Cramer's rule:

$$\begin{matrix} -12 & 0 & 34 \\ 31 & 22 & 24 \\ 20 & 5 & 19 \end{matrix}$$

6. Find the second order derivative of

$$y = \sqrt{\{(x^2 + 2) / (x^2 + 3)\}}$$

**ASSIGNMENT TO BE SUBMITTED PHYSICALLY TO THE
DEPARTMENT OF COMMERCE ON 15TH DECEMBER 2020 AT 1.30 PM**