

Bangabandhu Sheikh Mujibur Rahman Science and Technology University

Department of Computer Science and Engineering

2nd Year 1st Semester B.Sc. Engineering Examination-2014

Course No: ECO-204

Course Title: Economics

Total marks: 70

Time: 3 hours.

N.B.

- i. Answer **SIX** questions, taking any **THREE** from each section.
- ii. All questions are of equal values
- iii. Use separate answer script for each section

SECTION – A

1. (a) What are the central problems of an economy? Explain. 5
(b) What are the different economic systems? Briefly discuss the features of capitalist economic system. $6\frac{2}{3}$
2. (a) What is demand law? Draw a demand curve assuming a hypothetical demand schedule. $5\frac{2}{3}$
(b) Define elasticity of demand. Discuss different types of elasticity of demand. 6
3. (a) Explain the concept of total fixed costs, total variable costs and total costs. 6
(b) How do they (as mentioned in the question 3(a)) relate to each other? Illustrate them through curves. $5\frac{2}{3}$
4. (a) What are the conditions for a market to be perfectly competitive? 5
(b) Explain the equilibrium of a monopoly firm. $6\frac{2}{3}$

SECTION-B

5. (a) What is input-output model? 4
(b) ~~What is input-output analysis?~~ Discuss the process of output determination in input-output analysis. $7\frac{2}{3}$
6. (a) What do you mean by unemployment? In this connection, discuss the types of unemployment. 5
(b) Define inflation. What are the phases of business cycle? $6\frac{2}{3}$
7. (a) Show circular flow of national income in a simple two sectors economy. 4
(b) What are the various methods of estimating national income? Explain. Point out its imperfections. $5\frac{2}{3}$
(c) Define the concepts: GDP and GNP. 2
8. (a) Define budget. Distinguish between revenue budget and capital budget 5
(b) Define direct and indirect tax. 2
(c) What are the functions performed by budget? $4\frac{2}{3}$