

International Islamic University Chittagong (IIUC)

Department of Computer Science and Engineering

Final Examination

Program: **B.sc in CSE**
Course Code: **ECON-3501**
Total Marks: **50**

Semester: **Spring 2022**
Course Title: **Principles of Economics**
Time: **2 Hours 30 Minutes**

- (i) Answer all the questions. The figures in the right-hand margin indicate full marks.
(ii) Course Outcomes (COs) and Bloom's Levels are mentioned in additional Columns.

PART A

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|----|----|---|------|----|---|
| 1. | a) | Describe different types of market structure. | CLO1 | E | 5 |
| | b) | Given the following cost function $TC = 500 + 35Q - 7Q^2 + Q^3$
Calculate ATC, AVC and MC when the firm produces 40 units of output. | CLO2 | Ap | 5 |
| 2. | a) | How do we measure the GDP growth? Explain with an example. | CLO2 | An | 5 |
| | b) | What is Consumer Price Index? How it is used to measure inflation? | CLO3 | An | 5 |

OR

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|----|----|--|------|----|---|
| 2. | a) | What do you mean by nominal GDP and real GDP? Explain the benefit of measuring real GDP. | CLO2 | An | 5 |
| | b) | Suppose, GDP = \$5700, Net Factor payment from abroad = \$18
Capital consumption allowance = \$625, Indirect taxes = \$475
Social security contribution = \$530, Govt. and business transfers to person = \$770
Dividends = \$135, Personal Tax & Non-Tax payment = \$620
Required: Calculate GNP, NNP, National Income, Personal Income and Personal Disposable income | CLO3 | An | 5 |

PART B

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|----|----|--|------|----|----|
| 3. | a) | Discuss monetary policy and fiscal policy. How fiscal policy plays an important role in a developing country like Bangladesh? | CLO1 | E | 5 |
| | b) | Briefly explain unemployment with its classification. Evaluate the measures that can be taken to reduce unemployment problem in a country like Bangladesh. | CLO3 | U | 5 |
| 4. | a) | Discuss about the importance of economic planning of a country. | CLO3 | An | 5 |
| | b) | What are the economic role of the state? | CLO3 | An | 5 |
| 5. | | Write Short Notes On: Poverty in Bangladesh, Economic benefit of Kornofuli Tunnel, 8 th 5 year plan of Bangladesh, Unemployment | CLO1 | U | 10 |

OR

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|----|--|--|------|---|----|
| 5. | | Importance of Zakat, Value Added Approach of measuring GDP, Development Planning, Welfare vs GDP | CLO1 | U | 10 |
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