

Economics Discipline, Khulna University
BSS 1st Year 1st Term Final Examination 2026; Session: 2025-2026
Course No.: 0311 15 Econ 1101; Course Title: Introductory Microeconomics

The figures in the margin indicate marks.

Section A

There are 04 questions in this section. Answer any 03 questions.

Marks

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|----|----|--|----|
| 1. | a) | Differentiate between microeconomics and macroeconomics. [CLO1; L1] | 02 |
| | b) | Briefly write the principles of economics. [CLO1; L2] | 03 |
| | c) | Graphically describe the fundamental problems of economics. [CLO1; L2] | 05 |
| 2. | a) | Explain the law of demand and state its exceptions. Derive a market demand curve for a hypothetical market having two buyers. [CLO2; L3] | 04 |
| | b) | Consider a hypothetical demand curve for the laser printer market and graphically explain what happens in response to the following market changes: [CLO3; L5] | |
| | | i. the price of laser printers goes down; | |
| | | ii. the average income of the population increases; | |
| | | iii. the price of ink cartridges increases; and | |
| | | iv. consumers' tastes are changing: they prefer to keep their photographs and documents in digital format rather than on paper. | 06 |
| 3. | a) | Define the price elasticity of demand and mention its determinants. If demand is elastic, how will an increase in price change total revenue? – Explain. [CLO2; L4] | 05 |
| | b) | How does elasticity help explain why drug interdiction can reduce the supply of drugs, yet possibly increase drug-related crime? [CLO3; L5] | 05 |
| 4. | a) | Consider the following events: scientists reveal that consumption of oranges decrease the risk of diabetes and, at the same time, farmers use a new fertilizer that make orange trees more productive. Illustrate and explain the effect of these changes on the equilibrium price and quantity of oranges. [CLO3; L5] | 05 |
| | b) | 'Markets do not allocate resources efficiently in the presence of market failures such as market power or externalities.' – Evaluate the statement. [CLO3; L5] | 05 |

Section B

There are 04 questions in this section. Answer any 03 questions.

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|----|----|---|----|
| 1. | a) | Distinguish between cardinal and ordinal measurement of utility. Which one will you prefer to measure utility, and why? [CLO2; L2] | 04 |
| | b) | Critically evaluate the 'law of diminishing marginal utility'. [CLO2; L5] | 06 |
| 2. | a) | Graphically explain the three stages of production. As a rational producer, which stage do you prefer and why? [CLO4; L3] | 05 |
| | b) | Using the isoquant and iso-cost line, determine and explain the point at which the producer is in equilibrium. [CLO4; L5] | 05 |
| 3. | a) | Graphically explain different types of returns to scale. [CLO4; L2] | 04 |
| | b) | Explain the relationship between average and marginal cost. [CLO4; L3] | 02 |
| | c) | Describe the economies and diseconomies of scale. [CLO4; L4] | 04 |
| 4. | a) | Discuss the classification of markets in brief. [CLO3; L3] | 02 |
| | b) | Explain the features of a monopolistically competitive market with a suitable example. [CLO3; L4] | 02 |
| | c) | As per your theoretical knowledge of market structure, identify and explain in which category the following markets in Bangladesh belongs and why? [CLO5; L2] | |
| | | i) Domestic Aviation Market; | 02 |
| | | ii) Cement Market; and | 02 |
| | | iii) Titas Gas Transmission & Distribution PLC. | 02 |

Economics Discipline, Khulna University
BSS 1st Year 1st Term Final Examination 2026; Session: 2025-2026
Course No.: 0311 15 Econ 1103; Course Title: Economic Geography

The figures in the margin indicate marks.

Section A

There are 04 questions in this section. Answer any 03 questions.

Marks

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|----|----|--|----|
| 1. | a) | Differentiate economics from economic geography. [CLO1; L1] | 02 |
| | b) | Narrate the scope of economic geography with a suitable example. [CLO1; L3] | 05 |
| | c) | How power relations shape global spatial-economic structures. [CLO1; L5] | 03 |
| 2. | a) | Does agglomeration affect optimal location decision? – Justify from Weber's triangle theory. [CLO2; L1] | 06 |
| | b) | Briefly describe Hotelling problem in finding equilibrium for spatial competition. [CLO2; L2] | 04 |
| 3. | a) | 'Spread effect and backwash effect make a city dynamic'. – Justify the statement. [CLO3; L6] | 05 |
| | b) | Describe the stages of development according to core-periphery model. [CLO3; L2] | 05 |
| 4. | a) | How can natural resources act as both a blessing and a curse for the economic growth of a resource-rich country? – Explain with a suitable example. [CLO1; L5] | 05 |
| | b) | Cite some policies for Bangladesh to avoid 'Dutch disease'. [CLO4; L4] | 05 |

Section B

There are 04 questions in this section. Answer any 03 questions.

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|----|----|--|----|
| 1. | a) | Analyze the impact of the resource curse paradox of natural gas in the Bangladesh economy. [CLO4; L1] | 05 |
| | b) | Evaluate how climate change may transform global population geography in the future. [CLO1; L5] | 05 |
| 2. | a) | To what extent have Malaysia's natural and economic resources contributed to its development as a developed nation? [CLO3; L5] | 05 |
| | b) | What benefits and economic challenges does Malaysia face in the contemporary global economy? [CLO4; L6] | 05 |
| 3. | a) | Explain how geographic location contributed to the transformation of Singapore into a global trade hub. [CLO1; L4] | 05 |
| | b) | Propose a sustainable resource management strategy for river systems of Bangladesh. [CLO3; L4] | 05 |
| 4. | a) | How does the improvement of internal goods distribution networks influence regional development? [CLO3; L6] | 04 |
| | b) | Describe the economic effect of transportation. [CLO5; L3] | 03 |
| | c) | State your argument in favour or against technology transfer between countries. [CLO5; L5] | 03 |

Economics Discipline, Khulna University
BSS 1st Year 1st Term Final Examination 2026; Session: 2025-2026
Course No.: 0541 15 Math 1151; Course Title: Introductory Mathematical Economics

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Section A

There are 04 questions in this section. Answer any 03 questions.

Marks

1. a) Define variable. Distinguish between qualitative and quantitative variables with examples. [CLO1; L2] 04
b) What is the main difference between linear and non-linear functions? [CLO2; L1] 04
c) Briefly discuss different types of numbers in the number system with examples. [CLO1; L2] 02

2. a) Graph the following equation and indicate the slope and intercept: [CLO2; L4]

$$3y + 15x = 30$$
 04
b) Solve the following quadratic equation using the formula: [CLO2; L3]

$$5x^2 + 23x + 12 = 0$$
 03
c) Given $Q_d = 220 - 5p$ and $Q_s = -20 + 3p$. Find the equilibrium price and quantity. [CLO5; L2] 03

3. a) What is commutative law of set operation? Prove any one of the associative law considering, $A = \{1, 2, 4\}$, $B = \{2, 4, 5\}$, and $C = \{1, 5, 6\}$. [CLO1; L1] 03
b) Let $A = \{2, 3, 4, 7, 17\}$ and $B = \{2, 17, 91, 356\}$ then find $A \cup B$ and $A \cap B$. [CLO1; L1] 04
c) What is Venn diagram? Let, $A = \{1, 3, 6\}$, $B = \{1, 6, 8\}$, and U (universal set) = $\{1, 2, 3, 4, 5, 6, 7, 8\}$. Draw a Venn diagram. [CLO1; L5] 03

4. Write short note on the followings:
a) Quadratic equation; [CLO2; L2] 2.5
b) Order of operation; [CLO1; L2] 2.5
c) Disjoint set; [CLO1; L2] 2.5
d) Power set. [CLO1; L2] 2.5

Section B

There are 04 questions in this section. Answer any 03 questions.

1. a) Calculate the distance between points A (4, -2) and B (-3, 6). [CLO3; L3] 02
b) Find the mid-point of EF where coordinates of E and F are (6, -8) and (8, -6) respectively. [CLO3; L3] 02
c) Find the mid-point of between the points A (8, 2) and B (4, -3). [CLO3; L3] 02
d) Calculate the gradient of the line XYZ where coordinates of X (7, 4) and Z (3, 8) are given. [CLO3; L3] 02
e) Two equations are given as, $y = -3x + 6$, and $y = \frac{3}{4}x + 7^2$. Explain whether the equations are parallel to each other, when drawn? [CLO3; L3] 02

2. a) What is differentiation? Discuss its application. [CLO4; L2] 03
b) Given, $f(x) = 3x^2 + 4x - 4 + 42$. Find the critical values and test for relative maxima or minima. [CLO4; L3] 04
c) Given total revenue function of a firm, $TR = 64Q - Q^2$. Calculate total profit of the firm and comment whether the function is concave or convex. [CLO7; L5] 03

3. a) What is matrix? Discuss the use and application of matrix. [CLO6; L2] 03
b) Define null matrix, identity matrix, and diagonal matrix with examples. [CLO6; L3] 03
c) Given, matrix $A = \begin{bmatrix} 5 & 7 \\ 2 & 3 \end{bmatrix}$ and $B = \begin{bmatrix} 3 & 1 & 4 \\ 2 & 4 & 2 \end{bmatrix}$, calculate product of AB. [CLO6; L5] 04

4. a) Find the inverse A^{-1} for the following matrix: [CLO6; L4]

$$A = \begin{bmatrix} 4 & 2 & 5 \\ 3 & 1 & 8 \\ 9 & 6 & 7 \end{bmatrix}$$
 05
b) Use Cramer's rule to solve the unknowns of the following equations: [CLO6; L4]

$$\begin{aligned} 2a + 4b - c &= 52 \\ -a + 5b + 3c &= 72 \\ 3a - 7b + 2c &= 10 \end{aligned}$$
 05

Economics Discipline, Khulna University
BSS 1st Year 1st Term Final Examination 2026; Session: 2025-2026
Course No.: 0231 15 Eng 1153; Title: Communicative English

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Section A

There are 04 questions in this section. Answer any 03 questions.

Marks

1. a) Fill in the blanks with the appropriate verb form given in brackets. [CLO2; L3]
- We heard them _____ in the other room. (sing)
 - As I watched, she _____ into her car and _____ away. (get, drive)
 - The construction of the building _____ in a few months. (complete)
 - I _____ myself when I touched the candle. (burn)
 - He lives in Khulna. He _____ in Khulna for five years. (live)
- 1*5=05**
- b) Write down the meanings of the underlined phrasal verbs in the following sentence: [CLO2; L3]
- I need to look up the meaning of this word.
 - Take off your coat first.
 - She turned down the job offer after reading the condition.
 - Don't bring up politics everywhere.
 - Why don't you drop by my house later?
- 1*5=05**
2. a) Join the following sentences. [CLO4; L2]
- I have a question. I must ask it.
 - The box is too heavy. It cannot be lifted.
 - My brother is an engineer. He works at a software company.
 - The Everest is the highest mountain of the world. It is located in Nepal.
 - I had read the book. I returned it to the library.
- 1*5=05**
- b) Change the forms of the words as directed and make a complete sentence with each of the new word. [CLO4; L6]
- High (Verb)
 - Controversy (Adjective)
 - Confirm (Noun)
 - Approximate (Adverb)
 - Poet (Adjective)
- 1*5=05**
3. a) Transform the following sentences as directed. [CLO4; L6]
- Architects design buildings and monuments. (Use tag question)
 - We should rely on a capable man. (Negative)
 - We work so that we may live. (Simple)
 - It was the most popular TV serial. (Positive)
 - A horrible truth came out after completion of the investigation. (Compound)
- 1*5=05**
- b) Write short notes on any one of the following: [CLO3; L4]
- Intensive and extensive reading; and
 - Prediction and inference in reading.
- 05**

4. a) Read the following passage and answer the following questions:

Certain skills are considered key signs of higher mental abilities: a good memory, a grasp of grammar and symbols, self-awareness, understanding others' motives, imitating others, and being creative. Bit by bit, in ingenious experiments, researchers have found these talents in other species, and gradually, we have come to realize that what we thought made human beings distinctive might also be present in other species. Scrub jays know that other jays are thieves, and that stashed food can spoil; sheep can recognize faces; chimpanzees use a variety of tools to probe termite mounds and even use weapons to hunt small mammals; dolphins can imitate human postures; the archerfish, which stuns insects with a sudden blast of water, can learn how to aim its squirt simply by watching an experienced fish perform the task; and a parakeet can surprisingly be a good talker as well. [CLO4; L4]

Which of the following best represents the main idea of the passage?

- i. Animals are smarter than humans in many respects.
 - ii. Our intelligence is derived from animal behavior.
 - iii. Animal species display complex mental abilities similar to those in humans.
 - iv. Self-awareness and creativity are two essential kinds of mental abilities present in both humans and animal species. 03
- b) Which of the following would be the best title for this paragraph? [CLO4; L4]
- i. 'Animal Research'
 - ii. 'Who Is Smarter - Animals or Humans?'
 - iii. 'Humanlike Mental Abilities in Animals' 03
- c) Identify and write four keywords used in the passage. [CLO4; L4] 04

Section B

There are 04 questions in this section. Answer any 03 questions.

1. a) What is good speaking? Why is it important? [CLO3; L1] 05
b) How can you practice the art of good speaking? [CLO3; L1] 05
2. Write a paragraph on the following topic: Effects of Human Behaviour on Global Warming. [CLO4; L6] 10
3. You have been experiencing poor internet service in the students' hall where you are residing. Write a letter to the Provost about it. [CLO4; L6] 10
4. The Table below shows the monthly expenditure of an average Australian family from 1991 to 2001. Summarize the information by selecting and reporting the main features, and make comparisons where relevant. [CLO4; L4]

	1991	2001
Australian Dollar Per Month		
Food	155	185
Electricity and Water	75	120
Clothing	30	35
Housing	95	105
Transport	70	60
Other Goods and Services	250	290
Total	675	795

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Economics Discipline, Khulna University
BSS 1st Year 1st Term Final Examination 2026; Session: 2025-2026
Course No.: 0314 15 Soc 1155; Course Title: Government and Politics

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Section A

There are 04 questions in this section. Answer any 03 questions.

Marks

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|----|----|--|----|
| 1. | a) | Describe the types of political culture with examples. [CLO2; L2] | 04 |
| | b) | Contrast the basic features of the constitutions of the United States and the United Kingdom. [CLO3; L5] | 06 |
| 2. | | 'Democracy is the most 'perverted' form of government'. – Critically evaluate this classical assertion of Aristotle, considering the global decline in democracy. [CLO3; L1] | 10 |
| 3. | a) | Explain the primary functions of the three organs of government and discuss how they cooperate to run a state effectively. [CLO3; L4] | 05 |
| | b) | 'Capitalism enhances global inequality'. – Analyze this statement through the world system theory. [CLO2; L4] | 05 |
| 4. | | Write short notes on: | |
| | a) | State and religion; and [CLO1, L2] | 05 |
| | b) | Political socialization. [CLO1, L2] | 05 |

Section B

There are 04 questions in this section. Answer any 03 questions.

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|----|----|--|----|
| 1. | a) | Enunciate the formal procedures for amending the Constitution of the People's Republic of Bangladesh. [CLO5; L2] | 03 |
| | b) | Critically examine the challenges and the potentials for the institutionalization of democracy in Bangladesh. [CLO5; L4] | 07 |
| 2. | a) | Enumerate the significant outcomes of the language movement of 1952 in Bangladesh. [CLO2; L6] | 04 |
| | b) | 'Public administration is more efficient than private administration'. Do you agree or disagree with the statement? – Justify your position with relevant arguments. [CLO4; L5] | 06 |
| 3. | a) | Show the hierarchical structure of public administration in Bangladesh. [CLO4; L2] | 04 |
| | b) | Depict the role of bureaucracy in policy implementation process in Bangladesh. [CLO6; L4] | 06 |
| 4. | | 'Lack of freedom, civil rights, and civil liberties were the major causes of the July movement 2024 in Bangladesh, along with major violations of other fundamental and human rights.' – Put your argument in favour or against this statement. [CLO6; L5] | 10 |