



**UNIVERSITY OF NORTH BENGAL**  
B.A./B.Sc. Honours 2nd Semester Examination, 2021

**CC3-ECONOMICS (203)**

**INTRODUCTORY MACROECONOMICS**

Full Marks: 60

**ASSIGNMENT**

*The figures in the margin indicate full marks.*

**GROUP-A**

**Write any two questions from the following** 20×2 = 40

1. (a) What is national income? Outline the difficulties of measurement of national income. 2+8+10=20  
(b) Evaluate national income as a measure of welfare.
2. Determine equilibrium level of income and employment in the classical model. 20
3. (a) Explain how the level of saving is determined in the simple Keynesian consumption function. 15+5=20  
(b) What is the effect of an increase in disposable income on the level of saving?
4. Explain the multiplier-accelerator interaction model in macroeconomics. 20

**GROUP-B**

**Write any two questions from the following** 10×2 = 20

5. Explain critically Fisher's version quantity theory of money. 10
6. Define CPI, WPI, GNP Deflator, and GNI.  $2\frac{1}{2} \times 4 = 10$
7. Diagrammatically explain the concept of effective demand. 10
8. What do you mean by Keynesian multiplier? Distinguish between static multiplier and dynamic multiplier. 2+8=10

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**CC4-ECONOMICS (204)**

**MATHEMATICAL ECONOMICS**

Full Marks: 60

**ASSIGNMENT**

*The figures in the margin indicate full marks.*

**GROUP-A**

**Write any two questions from the following** 20×2 = 40

1. Describe the Cobweb model mathematically and diagrammatically. 20
2. Find the value of the game of a 2X2 pay-off matrix with mixed strategy. 20
3. (a) How do we interpret 1<sup>st</sup> order differential equations with the help of Domar's Growth Model? 10+10=20  
(b) Explain the Knife-edge problem of economic growth in this context.
4. Explain the following concepts: 5×4 = 20
  - (a) Saddle point
  - (b) Zero-sum Game and Two-person-zero-sum Game
  - (c) Fair Game and Strictly determinable Game
  - (d) Pay-off Matrix.

**GROUP-B**

**Write any two questions from the following** 10×2 = 20

5. Describe Solow growth model mathematically. 10
6. Write the assumptions of two-person-zero-sum game. Explain the two-person-zero-sum game with pay-off matrix. 4+6=10
7. Explain the Dominance property of game theory with the help of a numerical example. 10
8. Explain Samuelson Multiplier-Accelerator Interaction Model. 10

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**DSC2-ECONOMICS**

**MACROECONOMICS**

Full Marks: 60

**ASSIGNMENT**

*The figures in the margin indicates full marks.*

**GROUP-A / বিভাগ-ক**

**Answer any two of the following** 20×2 = 40

যে কোন দুটি প্রশ্নের উত্তর দাও

1. Discuss various methods of measuring national income. 20  
জাতীয় আয় পরিমাপের বিভিন্ন পদ্ধতিগুলি আলোচনা কর।
2. Explain Cambridge version of the quantity theory of money. Distinguish between Fisher's version and Cambridge version of quantity theory of money. 12+8=20  
অর্থের পরিমাণ তত্ত্বের কেমব্রিজ ভাষাটি আলোচনা কর। অর্থের পরিমাণ তত্ত্বের কেমব্রিজ ভাষা ও ফিশারের ভাষার মধ্যে পার্থক্য কর।
3. Describe classical theory of output and employment. 20  
উৎপাদন ও নিয়োগ নির্ধারণে প্রসঙ্গি তত্ত্বটি আলোচনা কর।
4. (a) Write a short note on Keynesian consumption function. 10+10=20  
কেইনসীয় ভোগ অপেক্ষকের উপর একটি টীকা লেখ।  
(b) Show the relation between APC and MPC.  
গড় ভোগ প্রকৃতি ও প্রান্তিক ভোগ প্রকৃতির মধ্যে সম্পর্কটি ব্যাখ্যা কর।

**GROUP-B / বিভাগ-খ**

**Answer any two of the following** 10×2 = 20

যে কোন দুটি প্রশ্নের উত্তর দাও

5. What do you mean by national income? Distinguish between GNP and NNP. 5+5 = 10  
জাতীয় আয় বলতে কি বোঝ? GNP ও NNP এর মধ্যে পার্থক্য কর।

6. Explain the concept of investment multiplier. 10  
বিনিয়োগ গুণকের ধারণাটি আলোচনা কর।
7. Explain the concept of circular flow of income. 10  
আয় এর বৃত্ত স্রোতের ধারণাটি ব্যাখ্যা কর।
8. Explain the difficulties in measuring national income. 10  
জাতীয় আয় পরিমাপের সমস্যাগুলি আলোচনা কর।

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**GE2-ECONOMICS**

Full Marks: 60

**ASSIGNMENT**

*The figures in the margin indicate full marks*

**The question paper contains courses A, B and C.  
Candidates are required to answer any *one* from the *three* courses and  
should mention it clearly on the Answer Book.**

**A. MACROECONOMICS**

**GROUP-A**

Write any *two* questions

20×2 = 40

- |    |   |          |
|----|---|----------|
| 1. | Discuss the various methods of measuring national income of a country.  | 20       |
| 2. | Explain classical theory of output and employment.                      | 20       |
| 3. | (a) What do you mean by Marginal Propensity to Consume (MPC)?           | 4+16=20  |
|    | (b) Explain the concept of investment multiplier with suitable diagram. |          |
| 4. | (a) What do you mean by Inflationary gap?                               | 10+10=20 |
|    | (b) Distinguish between Demand Pull and Cost Push Inflation.            |          |

**GROUP-B**

Answer any *two* questions

10×2 = 20

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|----|--|----|
| 5. | Briefly discuss the difficulties in measuring National Income. | 10 |
| 6. | Explain Quantity Theory of Money.                              | 10 |
| 7. | Describe Say's law of market.                                  | 10 |
| 8. | Explain the liquidity preference theory of Keynes.             | 10 |

**B. INDIAN ECONOMY-II**

**GROUP-A**

Answer any *two* questions

20×2 = 40

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|----|---|----|
| 1. | Discuss the role of Cottage and Small-Scale Industries in India's economic development. | 20 |
| 2. | Discuss the causes of Industrial Dispute in India.                                      | 20 |

3. Write a note on functions of Reserve Bank of India. 20
4. (a) What are objectives of economic planning in India? 10+10  
(b) Discuss the failures of India's Five Year Plan.

**GROUP-B**

**Answer any two questions** 10×2 = 20

5. Identify some of the problems associated with development of small-scale industries in India. 10
6. Discuss how Reserve Bank of India controls supply of credit in the country. 10
7. What is meant by money supply? Give a brief description of different components of money supply in India. 5+5 = 10
8. Discuss various social security measures adopted in India. 10

**C. PUBLIC FINANCE**

**GROUP-A**

**Answer any two questions** 20×2 = 40

1. (a) Define Public Good. What are its salient features? 8+12 = 20  
(b) Explain how existence of public good may give rise to the problem of externality.
2. Critically explain Ability to Pay principle of taxation. 20
3. (a) What do you mean by direct tax and indirect tax? 4+16 = 20  
(b) What are the characteristics of direct tax and indirect tax?
4. (a) What do you mean by burden of public debt? 6+14 = 20  
(b) Do you think that internally held public debt is better than externally held public debt?—Justify your view.

**GROUP-B**

**Answer any two questions** 10×2 = 20

5. (a) What is Pareto efficiency? 4+6 = 10  
(b) Identify some of the causes of market failure.
6. Write a short note on Fiscal Federalism in India. 10
7. Explain the Benefit principle of taxation. 10
8. Distinguish between positive and negative externalities with examples. 10

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