

CENTRAL UNIVERSITY OF HARYANA

Jant-Pali, Mahendergarh, Haryana

Name of Programme	:	M.A. Economics
Year & Semester	:	June-July, 2023 & 2nd
Course Name	:	Microeconomic-II
Course Code	:	SAHS ECO 01 201 C3104
Duration	:	3 Hours
Maximum Marks	:	70

Note: Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

Question no. 2 to 5 has three parts and students are required to answer any two parts of each question. Each part carries seven marks.

1. Attempt any four questions (3.5 marks each)

- a) Differentiate between collusive and non-collusive oligopoly.
 - b) Explain the concept of excess capacity.
 - c) State the assumptions of Bertrand's model.
 - d) What do you mean by barometric price leadership?
 - e) What is managerial discretion?
 - f) Define the concept of elasticity of technical substitution.
 - g) What do you mean by dominant strategy?
2. a. Critically examine the Sweezy's kinked demand model to establish the price stability under oligopoly? (7 marks)
- b. How is Cournot's equilibrium determined? is it stable? (7 marks)
- c. Explain the theory of basing point pricing system in detail. (7 marks)
3. a. Critically explain the Marris model of managerial enterprise in detail. (7 marks)
- b. Briefly explain the Bain's limit pricing theory. (7 marks)
- c. Write a note on behavioural model of Cyret and March. (7 marks)
4. a. How wages are determined Imperfectly competitive labour market? (7 marks)
- b. What is rent? Explain the Ricardian theory of rent. (7 marks)

c. Write Short note on followings (7 marks)

- i. Loanable fund theory of interest
- ii. Profit as reward of dynamic change

5. a. What is General equilibrium? Explain the Walrasian general equilibrium model in detail. (7 marks)

b. Pareto optimality is a necessary but not the sufficient conditions for social welfare maximisation. Discuss. (7 marks)

c. Write short note on following: (4+3 = 7 marks)

- i. Social welfare function
- ii. Arrow impossibility theorem.

CENTRAL UNIVERSITY OF HARYANA
2nd SEMESTER EXAMINATION JUNE, 2023

Program Name: M.A. (Economics)

Session: 2022-23

Course Title: Macroeconomics Theory-II

Max Time: 3 Hours

Course Code: SAHS ECO 01 202 C 3104

Max Marks: 70

Instructions:

1. *Question no. 1 has seven parts and students need to answer any four. Each part carries three and half marks.*
2. *Question no. 2 to 5 have three parts and student need to answer any two parts to each question. Each part carries seven marks.*

Q.1

(4*3.5=14)

- (a) What do you understand by Structural Inflation?
- (b) Define Money Multiplier?
- (c) Describe relationship between nominal rate of interest and demand for money?
- (d) What is random walk of GDP?
- (e) Briefly explain Adaptive Rational Hypothesis?
- (f) Define exchange rate and its types?

Q.2

(2*7=14)

- (a) Make a comparative analysis of Keynesian approach and Classical approach to theory of demand for money?
- (b) Discuss Baumol's INVENTORY APPROACH of demand for money?
- (c) Explain Tobin's PORTFOLIO APPROACH of money demand?

Q.3

(2*7=14)

- (a) Discuss monetary and fiscal policy mix to achieve internal & external balances simultaneously in an economy with perfect capital mobility?
- (b) Discuss effectiveness of Monetary and fiscal policy with the help of IS-LM curve ?
- (c) Consider in an economy having following features:

$$\text{Consumption (C)} = 60 + 0.8Y_d \text{ (} Y_d = \text{Disposable Income)}$$

$$\text{Investment(I)} = 100 - 5i$$

% Interest Rate (i) =6

Govt. Expenditure(G) =76

Lump sum tax(T)=15

Transfer Payments(TR)=60

Exports(X)=70

Imports(M)=12+0.2Y

(i) Derive IS curve using above data?

(ii) Calculate Equilibrium level of income?

(iii) Calculate foreign trade Multiplier?

Q.4

(2*7=14)

(a) What is Inflation and discuss its various types? Explain COST-PUSH DEMAND-PULL inflation with help of a diagram?

(b) Explain trade-off between unemployment and inflation with help of Phillips curve in short-run and long-run?

(c) Discuss effect of inflation on distribution of income & wealth and also describe policies to control inflation?

Q.5

(2*7=14)

(a) Explain Rational Expectation hypothesis?

(b) Attempt two question each carrying 3.5 each:

(i) Explain Keynesian model of price stickiness?

(ii) Explain Lucas Imperfect Information Model?

(c) What is monetary policy? Discuss its objective & widely used tools?

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3rd SEMESTER REAPPEAR EXAMINATION JUNE, 2023

Program Name:	M.A. (Economics)	Session: 2022-23
Course Title:	Environment Economics	Max Time: 3 Hours
Course Code:	SAHS ECO 01 305 DCEC 3104	Max Marks: 70

Instructions:

1. Question no. 1 has seven parts and students need to answer any four. Each part carries three and half marks.
2. Question no. 2 to 5 have three parts and student need to answer any two parts to each question. Each part carries seven marks.

Q.1 (4*3.5=14)

- (a) Write a short note on Climate Change?
- (b) Define Sustainable Development? Write down any 5 Sustainable Development goals?
- (c) Describe relationship between Environment Stress and Economic Development?
- (d) Write a short note on Natural Resource Economics?
- (e) What do you understand by Market Failure?
- (f) What is Environment Economics?
- (g) Explain in brief COP 27?

Q.2 (2*7=14)

- (a) Distinguish between Environment Economics and Natural Resource Economics?
- (b) Describe conceptual background of Environmental Economics?
- (c) How Micro Economics, & Welfare Economics are related to Environment Economics each other?

Q.3

(2*7=14)

- (a) Discuss Environment Kuznet's curve Hypothesis?
- (b) How Sustainable Development is measured? What are indicators of Sustainable Development?
- (c) What is Environmental Accounting? What are various methods of Environmental Accounting?

Q.4

(2*7=14)

- (a) Make a comparative analysis of Pigouvian and coasian solution for Environmental externalities?
- (b) Discuss market failure in presence of externality with reference to Pareto optimality?
- (c) Discuss major Environmental policy made by Indian Government?

Q.5

(2*7=14)

- (a) What are Transboundary Environment Problems? Write down important treaties to tackle these problems?
- (b) Explain in detail, how Climate Change impacts economy?
- (c) Critically analyse relationship between Environment and trade?

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Jant-Pali, Mahendergarh, Haryana

Name of Programme	:	M.A. Economics
Year & Semester	:	2023 & 4 th
Course Name	:	Econometrics-II
Course Code	:	SAHS ECO 01 402 C3104
Duration	:	3 Hours
Maximum Marks	:	70

Instructions:

Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

Question no. 2 to 5 has three parts and student is required to answer any two parts of each question. Each part carries seven marks.

1. Attempt any four questions (3.5 marks each)

- Differentiate between interval and point forecasting
- What is dummy variable trap?
- Write a note on simultaneous bias.
- Define the concept of distributed lag model.
- What is Logit model?
- State the central idea of Almon approach.
- What is reduced form model?
- Differentiate between R-square and adjusted R-square

2. a. Consider the following model:

$$Y_i = \beta_1 + \beta_2 D_i + u_i$$

Where $D_i = 0$ for the first 20 observations and $D_i = 1$ for the remaining 30 observations.
And $\text{Var}(u_i^2) = 300$, $\text{cov}(\beta_1, \beta_2) = -15$

- How would you interpret β_1 and β_2 ?
- What are the means value of two groups?
- How would you compute the variance of $(\beta_1 + \beta_2)$?

- What is dummy variable? Estimate the effect of presence of dummy variable in change of intercept and change in slope. (7 marks)
- Write short note on followings (3+4 marks)
 - Linear probability model
 - Probit model

2. a. Discuss the economic rationale for using the distributed lag model associated with Adaptive Expectation model. (7 marks)

- Discuss the economic rationale for using the distributed lag model associated with Koyck model. (7 marks)

c. Consider the following distributed lag model: (7 marks)

$$Y_t = \beta_0 + \beta_1 X_{t-1} + \beta_2 X_{t-2} + \beta_3 X_{t-3} + \beta_4 X_{t-4} + U$$

Assume that β_i can be adequately expressed by the second degree polynomial as follows:

$$\beta_i = \alpha_0 + \alpha_1 i + \alpha_2 i^2$$

How would you estimate the β 's if we want to impose the restriction that $\beta_0 = \beta_4 = 0$?

3. a. Consider the following econometric model:

$$Y_t = \beta_0 + \beta_1 Y_{t-1} + \beta_2 I_t + u_{1t}$$

$$I_t = \beta_3 + \beta_4 Y_t + \beta_5 Q_t + u_{2t}$$

$$C_t = \beta_6 + \beta_7 Y_t + \beta_8 C_{t-1} + \beta_9 P_t + u_{3t}$$

$$Q_t = \beta_{10} + \beta_{11} Q_{t-1} + \beta_{12} R_t + u_{4t}$$

Where Y = national income

I = net capital formation

C = personal consumption

Q = profits

P = cost of living index

R = industrial productivity

t = time

u = stochastic disturbances

- i. Which of the variables would you regard as endogenous and which as exogenous? (2 marks)
 - ii. Is there any equation in the system that can be estimated by the single-equation least-squares method? (2 marks)
 - iii. What is the reason behind including the variable P in the consumption function? (3 marks)
- b. What is Simultaneous equation model? Explain the Indirect least square method. (7 marks)
- c. What is identification problem? Explain necessary and sufficient conditions for identification problem. (7 marks)

4. a. Fit a straight line trend by the method of least square (by taking 2010 as a year of origin) from the following data and also estimate the values for the year 2009, 2017, 2018 and 2019 (7 marks)

Year	2010	2011	2012	2013	2014	2015	2016
Sales	250	254	253	260	166	364	268

- b. Write short note on followings: (3+4 marks)
- i. Trend forecasting
 - ii. Ex-ante and Ex-post forecasting
- c. Write short note on following with suitable examples: (7 marks)
- i. Conditional and Unconditional forecasting
 - ii. Box Jenkins Approach

CENTRAL UNIVERSITY OF HARYANA

3rd SEMESTER REAPPEAR EXAMINATION JUNE, 2023

Program Name:	M.A. (Economics)	Session: 2022-23
Course Title:	International Economics-1	Max Time: 3 Hours
Course Code:	SAHS ECO 01 301 C 3104	Max Marks: 70

Instructions:

- 1. Question no. 1 has seven parts and students need to answer any four. Each part carries three and half marks.*
- 2. Question no. 2 to 5 have three parts and student need to answer any two parts to each question. Each part carries seven marks.*

Q.1

(4*3.5=14)

- Briefly explain minutes of Uruguay Round?
- Differentiate between tariff and non-tariff barriers of international trade?
- What is product differentiation in international trade theory?
- What is community indifference curve?
- What is offer curve?
- What is Factor Price Equalization?
- Briefly explain political economy of protectionism?

Q.2

(2*7=14)

- Differentiate between comparative; absolute and opportunity cost theory of international trade with diagram?
- Establish relation between nation's standard of living and international trade?
- Describe production frontier with increasing cost in theory of international trade?

Q.3

(2*7=14)

(a) Differentiate between Partial equilibrium analysis and General Equilibrium analysis in international trade theory?

(b) What do you mean by offer curve? What might cause offer curve to shift?

(c) Describe various types of terms of trade in international trade theory?

Q.4

(2*7=14)

(a) Explain Factor Endowment theory of Heckscher-Ohlin?

(b) Describe Stolper-Samuelson theorem of international trade?

(c) How do Economies of Scale give rise to international trade?

Q.5

(2*7=14)

(a) Define tariff and explain partial equilibrium analysis of tariff?

(b) What are non-tariff barriers? Describe how various type of non-tariff barriers affect international trade?

(c) Critically analyse the general equilibrium analysis of tariff in small economies?

Central University of Haryana

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Name of Programme	:	M.A. ECONOMICS
Year & Semester	:	2023, II Semester
Course Name	:	Public Economics - I
Course Code	:	SAHS ECO 01 205 C 3104
Maximum Time	:	3 hours
Maximum Marks	:	70

Instructions:

1. Question no. 1 has seven sub parts and students need to answer any four. Each sub part carries three and half marks.
2. Question no. 2 to 5 have three sub parts and students need to answer any two sub parts of each question. Each sub part carries seven marks.

Question No. 1

(4×3.5 = 14)

- a) Define Club Goods ?
- b) How Programme Budgeting is different from Zero Based Budgeting ?
- c) What was the viewpoint of Tiebout regarding Provision of Public Goods ?
- d) Explain Time Series Criterion given by AK Sen.
- e) What are the determinants of Tax Incidence ?
- f) What is the role of Equity in Optimal Tax Structure ?
- g) Graphically Explain the Deadweight Loss ?
- h) What is UNIDO approach ?

Question No. 2

(2×7=14)

- a) Briefly Explain the Voluntary Exchange Model . Also explain the Bowen's Viewpoint.
- b) What is Stabilization Policy ? How Uncertainty and expectations played a vital role in Stabilization policies ?
- c) How Social Goods affects the formulation of Stabilization Policy and helps in Poverty alleviation?

Question No. 3

(2×7=14)

- a) Explain the role of Government in Economy ?
- b) Explain the Peacock Wiseman Hypothesis of Public Expenditure?

- c) How Positive and Negative Externalities can lead to Market failure . Also Explain Decreasing costs.

Question No. 4

(2×7=14)

- a) Explain the various criteria of Public Investment?
b) What do you understand by Zero Based Budgeting ? Briefly Clarify the process involved in making Zero based budgeting?
c) Classify the Public Expenditure . Also Explain the Pure Theory of Public Expenditure.

Question No. 5

(2×7=14)

- a) State the Samuelson's modified Pareto Criteria.
a) Explain the Benefit Approach and Ability to Pay Principle of Taxation.
b) Explain the Following Theories of Tax Incidence :
1) Diffusion Theory
2) Concentration Theory
3) Modern Theory

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Name of Programme	:	M.A. ECONOMICS
Year & Semester	:	2023, IV Semester
Course Name	:	Research Methodology
Course Code	:	SAHS ECO 01 405 DCEC 3104
Maximum Time	:	3 hours
Maximum Marks	:	70

Instructions:

1. Question no. 1 has seven sub parts and students need to answer any four. Each sub part carries three and half marks.
2. Question no. 2 to 5 have three sub parts and students need to answer any two sub parts of each question. Each sub part carries seven marks.

Question No. 1 (4×3.5 = 14)

- a) Explain the meaning of Research.
- b) Explain the role of Hypothesis in research.
- c) Difference between Population and sample.
- d) Difference between primary and secondary sources of data collection.
- e) Difference between correlation and regression analysis.
- f) What is multidimensional scaling in Multivariate analysis technique?

Question No. 2 (2×7=14)

- a) Explain the role of review of literature in the research?
- b) What is research problem? How it is established?
- c) What is the need for research design in Research methodology?

Question No. 3 (2×7=14)

- a) What is Sampling? Explain its different types with the help of examples.
- b) Explain the nature of cross section, time series and panel data in the research.
- c) How tabulation technique helps to the researcher for explaining the data? How it is different from diagrammatic presentation of data?

Question No. 4

(2×7=14)

- a) What is hypothesis testing? Explain its process.
- b) When Chi-square test will be treated as non-parametric test?
- c) What is discriminant analysis? How it is different from logit regression analysis?

Question No. 5

(2×7=14)

- a). Explain the difference between factor analysis and cluster analysis technique.
- b). Explain the types and importance of report writing.
- c). What are the necessary guidelines for effective report writing in research?