INSTRUCTIONS FOR THE STUDENTS

1. Students should solve the Assignment on A4 Size Paper.

2. Four Questions are to be attempted by selecting one question from each unit. All questions carry equal marks.

3. Students are required to submit the solved Assignment(s) either by post or in person in the Directorate of Distance Education, M.D. University, Rohtak by 28.02.2021.

4. The student should fill his/her particulars in the following format on first page of solved Assignment:

Name of the Programme _____   Nomenclature of the Paper _____

Paper Code: _____   Academic Session _____

Student ID: _____   Name of Student _____

Date of Submission of Solved Assignment _____

_____

Signature of the Student

Master of Arts (Economics)
MICROECONOMICS-I
(SEMESTER-1)
Paper Code-20EC021C1

Maximum Marks : 20

Candidates would be required to attempt four questions (selecting one from each unit). Each question carries equal marks (five marks).

Unit-I

1. Discuss briefly the scope of Economics.

2. What is meant by elasticity of demand? What are its types?

Unit-II

3. Discuss law of demand.

4. What is indifference curve? Explain assumptions of indifference curve.

Unit-III

5. Discuss short-run cost curve.

6. Explain internal and external economies and diseconomies.

Unit-IV

7. What is meant by perfect competition? Explain its main features.

8. Explain bilateral monopoly in detail.

Master of Arts (Economics)
MACROECONOMICS-1
(SEMESTER-1)
Paper Code-20EC021C2

Maximum Marks : 20

Candidates would be required to attempt four questions (selecting one from each unit). Each question carries equal marks (five marks).

Unit-I

1. Explain the classical theory of output and employment.

2. Explain Keynes' two sector model.

Unit-II

3. Explain goods market and money market equilibrium.

4. What are the effects of changes in fiscal policy of the government on the economy?

Unit-III

5. Discuss wage-price flexibility.

6. Explain monetary policy in detail.

Unit-IV

7. Discuss the Life cycle theory of consumption.

8. Explain marginal efficiency of capital and Investment.

Master of Arts (Economics)
ECONOMICS OF GROWTH AND DEVELOPMENT-I
(SEMESTER-1)
Paper Code-20ECO21C3

Maximum Marks : 20

Candidates would be required to attempt four questions (selecting one from each unit). Each question carries equal marks (five marks).

Unit-I

1. What are the factors which determine economic development?

2. Explain the common features of developing nations.

Unit-II

3. Explain Human Development Index as an indicator of economic development.

4. How inequality can be measured?

Unit-III

5. Explain the essential elements of Schumpeter's theory of development.

6. Explain the main features of Adam Smith's theory of development.

Unit-IV

7. Briefly state the various features of Harrod model of development.

8. Give a brief summary of Solow model of growth with its assumptions.

Master of Arts (Economics)
MATHEMATICS FOR ECONOMISTS-I
(SEMESTER-1)
Paper Code-20ECO21C4

Maximum Marks : 20

Candidates would be required to attempt four questions (selecting one from each unit). Each question carries equal marks (five marks).

Unit-I

1. Find out the equilibrium Price and Quantity, if Demand Function is D= 5-5P and Supply Function is D= 5+5P.

2. Solve the following equation:

   $2X^4 - 5X^2 + 2 = 0$

Unit-II

3. What is the Determinants? Define the property of Determinants.

4. The Input-Output Coefficient Matrix for a two Industry Economy is given by:

Industry	X_1	X_2
X_1	0.3	0.3
X_2	0.4	0.6
Labor	0.3	0.1

   If the final demand for two industries are 90 and 520 units, find out the Gross Output of each industry to meet the final demand.

Unit- III

5. A demand function is given as: q= 50-5P, Compute the Price Elasticity of Demand at P is 5.

6. Define the Cobb-Douglas Production Faction? Verify Euler's Theorem for the C-D Production function.

Unit-IV

7. If the Cost Faction is C=40-6q+q^2

   Find out the value of output for which C is Minimum. Also find the minimum value of Cost.

8. Find the Maxima and Minima of the Function:

   Z= 5X^2-6Y^2-XY Subject to x+2y=2

Master of Arts (Economics)
STATISTICAL METHODS-I
(SEMESTER-1)
Paper Code-20ECO21C5

Maximum Marks : 20

Candidates would be required to attempt four questions (selecting one from each unit). Each question carries equal marks (five marks).

Unit-I

1. In an asymmetrical distribution, the arithmetic mean and median are respectively 30 and 32. Calculate the Mode.

2. If the A. M. of the two numbers is 10 and their G.M. is 8, Find their Harmonic Mean.

Unit-II

3. Find out range and coefficient of range of following series:

Size	5-10	10-15	15-20	20-25	25-30
Frequency	4	9	15	30	40

4. Given: Sum of Squares of items= 2430, Mean= 7,

5. and N= 12, Find the Coefficient of Variation.

Unit- III

6. Construct Chain Based Index from the following data:

Year	1985	1986	1987	1988	1989
Prices	94	98	102	95	98

7. Define the Fixed Weight Method?

Unit-IV

8. A card is drawn from a pack of 52 cards. What is the Probability of getting either a king or queen?

9. In a bolt factory machine, A, B, and C manufacture respectively 25%, 35% and 40% of total. Of their output 5,4, and 2 % are defective bolts. A bolt is drawn at random from the product and is found to be defective. What is probability that it was manufacturing by machine C.