



Central University of Rajasthan

Center for Distance and Online Education (CDOE)

Dear Learner,

Greetings from the CDOE!

As you are aware, every student enrolled in the ODL Programme is required to write and submit assignments for each course. These assignments form an important component of the continuous assessment and carry **30% weightage** of the overall grade for each course.

Please carefully note the following instructions:

General Instructions

1. Please remember to attach the designated cover page on every assignment you submit. The format of cover page is attached for your reference.
2. All sections of the assignment are compulsory in nature. All questions are to be attempted, except for those where options are provided.
3. Please write the answer mentioning the correct corresponding question number given in the assignment.
4. Please write on continuous pages and number each page.
5. All assignments should be handwritten. Typed or printed assignment will not be accepted.
6. it is strongly recommended to keep a copy (photocopy or scanned) of the assignment sent by you for your record.
7. **The last date for submitting assignments is 10.06.2026.** Submission of assignments is required to appear in the End Semester Examination.
8. Assignments can be deposited at CDOE, Curaj or sent through post to **Director, Centre for Distance and Online Education (CDOE), Room 102, Administration Building, Central University of Rajasthan, Bandarsindari, District: Ajmer – 305817, Rajasthan.**

Director

Centre for Distance and Online Education (ODL & OP)



राजस्थान केन्द्रीय विश्वविद्यालय Central University of Rajasthan

Assignment

Open and Distance Learning Programme

Learner's Name :

Enrollment Number :

Academic year and Session :

Programme Name and Code :

Course Code :

Course Title :

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Learner's Signature

Centre for Distance and Online Education (CDOE)

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Central University of Rajasthan
Centre for Distance and Online Education
Open and Distance Learning Programmes
(2025-26)

Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: Microeconomics I

Course code: (6.0 ODLECO01)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. Which of the following is NOT a property of indifference curves?
(a) Downward sloping (b) Convex to origin (c) Intersect each other (d) Higher curve gives higher satisfaction
- b. Perfect complements are represented by:
(a) Straight line (b) L-shaped indifference curves (c) Convex curves (d) Concave curves
- c. A perfect substitute utility function is generally represented as:
(a) $U = \min(x, y)$ (b) $U = x + y$ (c) $U = x^2 + y^2$ (d) $U = xy$
- d. The Slutsky equation decomposes the price effect into:
(a) Income and wealth effect (b) Substitution and income effect (c) Utility and cost effect (d) Demand and supply effect
- e. Which production function shows constant elasticity of substitution?
(a) Cobb-Douglas (b) CES (c) Leontief (d) Linear

Q.2 Write down short not on these five questions each carries two mark.

(5 × 2=10 Marks)

- a. Define indifference curve and state its properties.
- b. Define price elasticity of demand.
- c. What is consumer surplus?
- d. Define returns to scale in production.
- e. What is price discrimination?

Assignment – II

Maximum Marks =15

Q.3 Attempt any three questions out of six questions from below given.

(5 × 3= 15 Marks)

- a. Discuss income and substitution effects using Hicksian approach.
- b. Explain cost minimization of a firm under short run and long run cost.
- c. Explain Cobb-Douglas production function and its properties.
- d. Explain the concept of utility maximization using indifference curves and budget constraint.
- e. Discuss the long-run equilibrium of a firm under perfect competition.
- f. Explain the concept of excess capacity under monopolistic competition with diagram.

Central University of Rajasthan
Centre for Distance and Online Education
Open and Distance Learning Programmes
(2025-26)

Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: Macroeconomics I

Course code: (6.0 ODLECO02)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. Which of the following is a stock variable?
a) Income b) Investment c) Capital d) Consumption
- b. National income is measured by:
a) Product method b) Income method c) Expenditure method d) All of the above
- c. Life Cycle Hypothesis was developed by:
a) Keynes b) Friedman c) Kuznets d) Hicks
- d. The IS curve represents equilibrium in the:
a) Money market b) Labour market c) Goods market d) Foreign exchange market
- e. Natural rate of unemployment is associated with:
a) Zero unemployment b) Frictional and structural unemployment c) Cyclical unemployment only d) Seasonal unemployment

Q.2 Write short note on these five questions each carries two marks.

(5 × 2=10 Marks)

- a. Tobin's Portfolio Theory of Money Demand
- b. Cost-Push Inflation
- c. Keynesian Consumption Function
- d. Accelerator Principle of Investment
- e. Adaptive Expectations

Assignment – II

Maximum Marks =15

Q.3 Attempt any three question out of given six questions.

(3 × 5= 15 Marks)

- a. Explain the difference between Classical and Keynesian approach.
- b. Explain the concept of National Income and its measurement.
- c. Describe Friedman's Theory of Demand for Money.
- d. Discuss monetary policy under different supply assumptions.
- e. Discuss the concept of Aggregate Demand and Aggregate Supply.
- f. Explain the Phillips Curve and its short-run implications.

Central University of Rajasthan
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Open and Distance Learning Programmes
(2025-26)

Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: Mathematical Methods in Economics

Course code: (6.0 ODL ECO03)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. Find the following limits: $\lim_{x \rightarrow b} \left(\frac{x^2 - b^2}{x - b} \right)$ a) b b) 2b c) x d) 2x
- b. Solve $\frac{de^x}{dx} = \dots\dots\dots$ a) e b) 1 c) $e^{\frac{1}{x}}$ d) e^x
- c. If a function is differentiable, then it must also be:
a) Discontinuous b) Continuous c) Linear d) Constant
- d. A function is convex if its second derivative is:
a) Zero b) Positive c) Negative d) Undefined
- e. In matrix algebra, the determinant of a 2×2 matrix $\begin{bmatrix} a & b \\ c & d \end{bmatrix}$ is :
a) $ad + bc$ b) $ad - bc$ c) $ab - cd$ d) $ac + bd$

Q.2 Write short note on these five questions each carries two marks.

(5 × 2=10 Marks)

- a. Rows and columns of Determinants.
- b. Hawkins-Simon Condition.
- c. Linear Programming
- d. Diagonal matrix
- e. Maximum Value Function.

Assignment – II

Maximum Marks =15

Q.3 Attempt any three question out of given six questions.

(3 × 5= 15 Marks)

a. Given two matrices:

$A = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$ and $B = \begin{bmatrix} 5 & 6 \\ 7 & 8 \end{bmatrix}$ Show that $AB \neq BA$. Hence show that, in general, $AB \neq BA$.

b. Prove that: $\begin{vmatrix} y+z & x & x \\ y & z+x & y \\ z & z & x+y \end{vmatrix} = 4xyz$

- c. Let the demand and cost functions of a monopolist be $p = 100 - 3q + 4\sqrt{A}$ and $C = 4q^2 + 10q + A$, where p denotes the price, q the quantity and A the level of advertising expenditure. Find the values of A , q and p that maximises his profit.
- d. Define Cramer's rule. Solve simultaneous equations using Cramer's Rule. Advantages and disadvantages of Cramer's Rule.
- e. Explain the importance of input-output model for a planned economy.
- f. Write down any five the properties of determinants.

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Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: Statistical Methods in Economics

Course code: (6.0 ODL ECO04)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. A data set collected over time for the same variable is called:
(a) Cross-sectional data (b) Panel data (c) Time series data (d) Experimental data
- b. In simple random sampling with replacement,
(a) Each unit can be selected only once (b) Selected units are not returned to the population
(c) Each unit has equal chance in every draw (d) Population size decreases after each draw
- c. If two events are independent, then:
(a) $P(A|B) = P(A)$ (b) $P(A \cap B) = 0$ (c) $P(A \cup B) = 1$ (d) $P(A) = P(B)$
- d. Pearson's correlation coefficient measures:
(a) Nonlinear relationship (b) Rank association (c) Linear relationship between variables
(d) Causation
- e. Type I error occurs when:
(a) Null hypothesis is true but rejected (b) Null hypothesis is false but accepted (c)
Alternative hypothesis is true and accepted (d) Sample size is too small

Q.2 Write short note on these five questions each carries two marks.

(5 × 2=10 Marks)

- a. What is stratified sampling and why is it used?
- b. Define Panel data and give one example from economics.
- c. What is a null hypothesis in statistical testing?
- d. Define a random variable. Distinguish between discrete and continuous random variables.
- e. Explain the concept of measures of central tendency.

Assignment – II

Maximum Marks =15

Q.3 Attempt any three question out of given six questions.

(3 × 5= 15 Marks)

- a. Discuss the different types of data used in economics. Explain qualitative and quantitative with examples. Highlight the role of census and government agencies in data collection.
- b. Explain the concept of sampling. Compare census method and sampling method with their merits and demerits.
- c. Explain Pearson's and Spearman's correlation coefficients.
- d. Describe binomial, Poisson, and normal distributions. Discuss their properties, mean, and variance.
- e. State and explain the laws of addition and multiplication of probability with examples.
- f. Discuss the concept of hypothesis testing. Explain null and alternative hypotheses, Type I and Type II errors, and the level of significance.

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Open and Distance Learning Programmes
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Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: Agricultural Economics

Course code: (6.0 ODLECO61)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. Which of the following is a characteristic of Indian agriculture?
a) Large-scale mechanization everywhere b) Dependence on monsoon c) High capital intensity d) Uniform cropping pattern
- b. The relationship between agriculture and industry is:
a) Independent b) Competitive only c) Interdependent d) Opposite
- c. Land reforms in India mainly aim to:
a) Increase industrial growth b) Reduce inequality in land ownership c) Promote exports d) Increase imports
- d. Green Revolution in India is associated with:
a) Organic farming b) High Yielding Variety (HYV) seeds c) Reduction in irrigation d) Decrease in fertilizers
- e. Agricultural credit is important because it:
a) Reduces production b) Helps farmers invest in inputs c) Increases imports d) Eliminates risk completely

Q.2 Write down short not on these five questions each carries two mark.

(5 × 2=10 Marks)

- a. What are the major changes in Indian agriculture after independence?
- b. Define cropping pattern and explain its determinants.
- c. Define Minimum Support Price (MSP).
- d. What is agricultural marketing?
- e. Describe the role of agriculture in the national economy.

Assignment – II

Maximum Marks =15

Q.3 Attempt any three questions out of six questions from below given.

(5 × 3= 15 Marks)

- a. Critically evaluate the Green Revolution in India, focusing on production, productivity, and its socio-economic impact.
- b. Discuss agricultural marketing systems in India and the debate on economic reforms in agricultural marketing.
- c. Discuss the major issues in Indian agriculture and suggest measures for improvement.
- d. Explain farm organization and availability of agricultural inputs in India.
- e. Analyze the size of land holdings and its impact on agricultural productivity.
- f. Discuss regional variations in agricultural production patterns.

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(2025-26)

Programme Name – M.A. (Economics)

Programme Code - ODLMAE

First Semester

Course Name: History of Economic Thought

Course code: (6.0 ODLECO65)

Important Instructions: All learners are required to prepare **Two assignments** separately. These assignments are compulsory to submit in a time bound manner, otherwise admit card for the exams will not be generated. Assignment has to be submitted along with the sample title page on first page.

Assignment – I

Maximum Marks =15

Q.1 Write down the answer of given multiple choice questions (MCQ) each carries one mark.

(5 × 1 = 5 Marks)

- a. The Marginalist Revolution is associated with:
a) Adam Smith b) Karl Marx c) Jevons, Walras d) Keynes
- b. Marshall is known for:
a) Classical theory b) Marxism c) Neo-classical synthesis d) Keynesian theory
- c. “Invisible Hand” concept is given by:
a) Ricardo b) Adam Smith c) Keynes d) Marx
- d. Ricardo is known for:
a) Theory of rent b) Liquidity preference c) Surplus value d) Welfare theory
- e. Arthashastra is written by:
a) Gandhi b) Ambedkar c) Kautilya d) Naoroji

Q.2 Write down short not on these five questions each carries two mark.

(5 × 2=10 Marks)

- a. Keynesian Underemployment Equilibrium
- b. Role of Entrepreneur in Schumpeter’s theory
- c. Explain Marx’s theory of surplus value and profit.
- d. Economic ideas of Dada Bhai Naoroji
- e. Discuss liquidity trap and its implications.

Assignment – II

Maximum Marks =15

Q.3 Attempt any three questions out of six questions from below given.

(5 × 3= 15 Marks)

- a. Compare Indian economic thought with Western economic thought.
- b. Analyze the evolution of economic thought from Classical to Keynesian period.
- c. Explain Marx’s theory of surplus value and profit.
- d. Explain Adam Smith’s contribution to economic thought.
- e. Analyze Pigou’s Welfare Economics.
- f. Discuss the major ideas of Indian economic thinkers like Gandhi and Ambedkar.