Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit - I
Introduction

Unit - II
Consumer's Behavior

Unit - III
Theory of Costs and Revenue
Different Concepts of Cost and Revenue Curves and their Interrelationship.

Theory of Production

REQUIRED READINGS:
B.Sc./B.A.- Semester-I

Paper –II Indian Economy -I

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively

Unit –I

Introduction: Characteristics and main features of Indian Economy, Natural Resources: Land, Water, Minerals, Forest, and Power Resources, Population: Size and Growth of Population, Sex Composition, Labor Force, Occupational Distribution and Population Policy, Human Resources Development Indicators (i.e. literacy, health, nutrition etc.)

Unit –II

Main Features of Indian Agriculture: Importance, Nature and Role of Agriculture in Indian Economy, Finance and Marketing (Financial Institutions and Co-operative Society), New Agricultural Strategy and Modernization of Agriculture, Agriculture Policy in India, Second Green Revolution, New Public Distribution System

Unit –III

Problems of Poverty and Unemployment in India, GST, Demonetization.
Economy of Rajasthan: Salient Features of Rajasthan’s Economy, Population, Human Resources Development Indicators (i.e. literacy, health, nutrition etc.) , Per Capita Income.
Natural Resources: Land, Water, Livestock and Minerals.

REQUIRED READINGS:

- Dutt and Sundram: Indian Economy, S. Chand (Latest Ed) (Hindi and English).
- Economic Survey (Latest), GOI.
- Monthly Bulletins, RBI.
B.Sc./B.A.- Semester-II

Paper –I Micro Economics -II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively

Unit - I

Market Structure
Types of Market, Equilibrium of a Firm under Perfect Competition, Monopoly, Price Discrimination, Measure of Monopoly Power, Monopolistic Competition and Oligopoly (Introduction).

Unit - II

Factor Pricing

Unit - III

Factor Pricing
Profits - Innovation, Risk and Uncertainty Theory. Interest – Classical and Keynesian Theories

Welfare Economics
Problems in Measuring Welfare, Classical Welfare Economics, Pareto's Criteria (Production, Consumption and Distribution)

REQUIRED READINGS:

B.Sc./B.A.- Semester-II

Paper – II Indian Economy -II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively

Unit –I

Unit –II
Indian Foreign Trade: Volume, Structure and Direction, Foreign Trade Policy of India (2015-20), FDI and FII, Planning in India: Objectives, Strategy and Overall evaluation. NITI Ayog, Recent Government Policy (Skill India, Make in India, Start up India, Digital India)

Unit –III
Problem of Inflation & Income Inequality in India, Rural Development Programs and Policy, Globalization and strategies for MNCs, Economy of Rajasthan: Position of Agriculture, Industries & Infrastructure in Rajasthan, Constraints in Economic Development in Rajasthan & Measures to Overcome.

REQUIRED READINGS:
Dutt and Sundram: Indian Economy, S. Chand (Latest Ed) (Hindi and English).
Economic Survey (Latest), GOI.
Monthly Bulletins, RBI.
B.Sc. /B.A. - Semester-III

Paper –I Macro Economics -I

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit –I


Unit –II


Unit –III


REQUIRED READINGS:

- Errol D’Souza, Macroeconomics, Pearson Education.
- P. Edgemond, Macroeconomics, PHI, New Delhi.
- Nathuramka ,L.N. : Samashti Arthesashtra, R.B.D. Publisher, Jaipur.
B.Sc. /B.A. - Semester-III


Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit - I

Meaning, Uses and Limitations of Statistics, Collection of Statistics Data- Census and Sample Investigation, Classification and Presentation of Data- Statistics, Tables, Graphs, Frequency Distribution, Diagrams, Measures of Central Tendency: Arithmetic Mean, Median, Mode

Unit - II

Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation.
Simple Correlation: Karl Pearson’s Correlation Co-efficient and Spearman’s rank Correlation.

Unit –III

Simultaneous and Quadratic Equations, Arithmetic and Geometric Progressions, Logarithms, Concepts of Function

REQUIRED READINGS:

S.P. Gupta: Statistical Methods, Sultan Chand & Sons, New Delhi.
Kailash Nath Nagar: Sankhyiki Ke Mool Tatva (Hindi) Meenakshi Prakashan, Meerut.
D.R. Agarwal: Quantitative Methods, Vrinda Publication
Balvant Kandoi: Mathematics for Business and Economics with Application, Volume -II & Himalaya Publishing House, I.
B.Sc. /B.A. - Semester-III

Paper –II (Opt. b) History of Economic Thought-I

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.

Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.

Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit I

Mercantilism, Physiocrates, Quesnay’s Table, Economic Concept of Surplus, Classical School- Adam Smith, the Invisible Hand Doctrine, Wealth of Nation, Laissez Faire, Profit and Wages, Modern Revival of Adam Smith.

Unit II


Unit III


REQUIRED READINGS:

T.N. Hajela, History of Economic Thought, Publisher: ANE Books.
Pant and Seth, Arthik Vicharon Ka Itihas, Laxmi Narayan Agrawal, Agra.
Ghosh and Ghosh: Concise History of Economic Thought, Himalaya Publication.
B.Sc. /B.A. - Semester-IV
Paper –I Macro Economics -II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit –I
Concept of Multiplier (Investment, Complex, Govt, Expenditure, Tax, Transfer Payment, Balanced Budget and Foreign Trade) and Accelerator. Money Supply and (High Powered Money) its determinants.

Unit –II
Value of Money and its Measurement with Index Numbers, Inflation (Cost Push and Demand Pull), Causes of Inflation, Stagflation, Philips Curve, Level of Prices and the Value of Money, Liquidity Preference Theory of Interest, Monetary Policy

Unit –III
Theory of Trade Cycle, Hicks and Samuelson’s Theory of Trade Cycle, Causes and Remedial Measures, Functions of Central Bank with special reference to India, Function of Commercial Banks and Multiple Credit Creation.

REQUIRED READINGS:
Errol D’Souza, Macroeconomics, Pearson Education.
P. Edgemon, Macroeconomics, PHI, New Delhi.
Robert J. Gorden, Macroeconomics, Harper Collins.
Nathuramka ,L.N. : Samashti Arthesashtra, R.B.D. Publisher, Jaipur.
B.Sc. /B.A. - Semester-IV

Paper –II (Opt. b) History of Economic Thought-II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit –I
Evaluation of Socialist Thought- Utopian, Socialism, Saint Simon, Robert Own, Louis Blanc, Fourier, and Proudhon, Scientific Socialist

Unit –II

Unit III
Twentieth Century Economic Thought- Main features (Only the rise of Keynesianism, the rise of the Mathematical Economics, Dynamics and Econometrics) Critical Evaluation of the Development of Economic Thought, Indian Economic Thought- Kautilya and Gandhi.

REQUIRED READINGS:

T.N. Hajela,History of Economic Thought , Publisher: ANE Books.
Pant and Seth, Arthik Vicharon Ka Itihas, Laxmi Narayan Agrawal, Agra.
Ghosh and Ghosh; Concise History of Economic Thought, Himalaya.
**B.Sc. /B.A. - Semester-IV**
**Paper –II (Opt. a) Introduction to Statistics and Mathematics for Economics-II**

**Duration:** 3 hrs.
**Max. Marks:** 80 (for Science)
**Max. Marks:** 70 (Arts)

**Note:** There will be three parts in the End Semester paper.
**Part A** consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
**Part B** consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
**Part C** consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

**Unit –I**

Linear Regressions Analysis (Simple two variables), Index Numbers: Cost of Living Index Number, Fisher's Ideal Index, Analysis of Time series: Components and Trends by Moving Average Method and Least Square Method, Determination of Seasonal Variation.

**Unit -II**

Interpolation – Newton’s and Binomial Method, Linear Programming Formulation and Graphical Solution, Determinants and Matrix, Solution of Simultaneous Equation by Cramer’s Rule.

**Unit -III**

Simple Differentiation, Partial Differentiation of Function involving two Independent Variable and their Applications in Economics, Maxima and Minima with and without Constraints, Integration - One Variable Case, Definite Integrals, Application of Integral Calculus in Economics

**REQUIRED READINGS:**

- Kailash Nath Nagar: Sankhyiki Ke Mool Tatva (Hindi) Meenakshi Prakashan, Meerut.
- D.R. Agarwal: Quantitative Methods, Vrinda Publication
B.Sc. /B.A. - Semester-V

Paper - I International Trade and Development Economics

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I

Features of International Trade, Gains from Trade, Trade Theories – Adam Smith, Ricardo, Haberler, Mill and H- O Theory (Elementary Treatment).

Unit-II

Free Trade and Protection. Foreign Exchange Market and Exchange Rate, Balance of Trade and Balance of Payment – Definition and Structure, WTO – Scope and Impact

Unit-III


REQUIRED READINGS:

Debraj Raj, Development Economics, Oxford University Press.
B.Sc. /B.A. - Semester-V


Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I

Differential Calculus and Integral Calculus: Applications in Economics, Matrix and Determinants, Solution of Simultaneous Equations, Maxima and Minima, Convexity and Concavity.

Unit-II

Price and Income Elasticity, Elasticity Relations in Demand Analysis, Slutsky Equation in two Commodity Case, Elasticity Form and Important Results, Income and Leisure - Derivation of Labor Supply Function and its Properties.

Unit-III


REQUIRED READINGS:

RGD Allen, Mathematical Economics, McMillan
S. Sharma and A. Arora, Mathematical Economics, Ritu Publication, Jaipur
B.Sc. /B.A. - Semester-V

Paper – II (Opt. b) Environmental Economics-I

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I


Unit-II

Ecosystems – Loss of Biodiversity, Sustainable Development, Environmental Problems of Industrial Development: Water Pollution, Air Pollution, Noise Pollution, Depletion of Ozone Layer- Carbon Credit, Pigovian Fees.

Unit-III

Environmental Problems of Agricultural Development- Salinity, Water Logging, Desertification of Land, Excess Use of Water, Fertilizers and Pesticides, Farm Implements Cropping Pattern; Natural Farming; Forest Depletion: Causes and Impact.

REQUIRED READINGS:

B.Sc. /B.A. - Semester-VI
Paper - I Public Finance

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)

Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I

Unit-II

Unit-III

REQUIRED READINGS:

B.A. /B.Sc. - Semester-VI

Paper –II (Opt. a) Application of Mathematics in Economics-II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three units having three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I
Optimization Behaviour of a Firm- Constrained Cost Minimization, Constrained Output Maximization and Profit Maximization; Input Demand Functions- Properties and Derivation of Producer’s First Order Difference Equation- Cobweb Model.

Unit-II
Input Demand Functions; Cost Functions- Properties and Derivation of Short Run and Long Run Cost functions; Consumer’s and Producer’s Surplus.
Linear Programming: Graphical and Simplex Method (Maximization Problem Only);

Unit-III

REQUIRED READINGS:
RGD Allen, Mathematical Economics, McMillan .
S. Sharma and A. Arora, Mathematical Economics, Ritu Publication, Jaipur
B.Sc. /B.A. - Semester-VI

Paper – II (Opt. b) Environmental Economics-II

Duration: 3 hrs.
Max. Marks: 80 (for Science)
Max. Marks: 70 (Arts)
Note: There will be three parts in the End Semester paper.
Part A consists of ten (10) short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.
Part B consists of five (5) short answer questions carrying 10 marks each for both Science & Arts.
Part C consists of three (3) essay type questions with internal choice, carrying 20 & 15 marks each for Science & Arts respectively.

Unit-I

Unit-II
Environmental Policy in India: Environment Protection Laws in India, Central pollution Control Board, State Pollution Control Boards, Local Bodies and Environment Protection.

Unit-III

REQUIRED READINGS:
B.Sc./B.A.- Semester-I
   Paper –I Micro Economics -I
   Paper –II Indian Economy -I

B.Sc./B.A.- Semester-II
   Paper –I Micro Economics -II
   Paper –II Indian Economy -II

B.Sc./B.A. - Semester-III
   Paper –I Macro Economics -I
   Paper –II (Opt. b) History of Economic Thought-I

B.Sc./B.A. - Semester-IV
   Paper –I Macro Economics -II
   Paper –II (Opt. a) Introduction to Statistics and Mathematics for Economics-II
   Paper –II (Opt. b) History of Economic Thought-II

B.Sc./B.A. - Semester-V
   Paper - I International Trade and Development Economics
   Paper – II (Opt. b) Environmental Economics-I

B.Sc./B.A. - Semester-VI
   Paper - I Public Finance
   Paper –II (Opt. a) Application of Mathematics in Economics-II
   Paper – II (Opt. b) Environmental Economics-II