

**ST. JOSEPH'S COLLEGE FOR WOMEN (A), VISAKHAPATNAM
ECONOMICS**

Semester- V
Ec
w. e. f. 2017-18 AE Batch

5hr/week
Marks: 100

Paper – V

Macro Economics-II
Banking and International Trade

Objectives:

To enable the students to

- Understand the concepts of banking and non banking financial intuitions.
- Acquire basic knowledge about stock market.
- To enable the students to understand international trade

Module - I a) Banking- Meaning and Definitions- Functions of Commercial Banks.
b) Concept of Credit Creation- Functions of RBI- Recent Developments of Banking Sectors.
c) Monetary and Fiscal Policies- Objectives.

Module - II a) Non Banking Financial Institutions- Types- Factors Contributing to The Growth of
Non-Banking Financial Institutions- Money Markets- Defects of Indian Money Market.

Module – III

- a) **Stock Market**-Functions- Primary and Secondary Markets.
- b) Concepts of Share and Debentures- SEBI- Insurance LIC and General Insurance.

Module - IV

International Trade - a) Importance of International Trade- Difference Between
Internal and International Trade-Balance of Trade and Balance of Payments- Trade
Theories - Classical and Modern Theory of international Trade.
b) Concepts of Free Trade and Protection.

Module – V

Balance of Payments- a) Concepts and Components of Balance of Payments-
Equilibrium and Disequilibrium in Balance of Payments- Causes and Measures to
Correct Disequilibrium
b) India's Foreign Trade- Size- Composition and Direction- Recent- EXIM Policy.

References:-

1. E. Shapiro- "Macro economics analysis". Galgotia publications 1999.
2. M.N. Mishra & S.B. Mishra- "insurance principles & practice", S. Chand 2012.
3. D. M. Mithani- " business economics", Himalaya publishing house, 2015.
4. M. L. Jhingan- "economic development", vikas, 2012.
5. AGARWAL. V.- "Macro Economics: Theory And Policy", Dorling, Kindersley (India)
6. Ahiya. H. L.-" Macro economics, theory and policy", S. Chand and company Ltd.

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Papers VI

Application of Mathematics and Statistics in Economics

Objectives: To enable the students to

- Educate them about the role of statistics and basic concepts in economic activity.
- Understand the statistical methods and its inter relationships in economic variables.
- Impart practical knowledge about to expose economic concepts in statistical format through illustrations in scientific procedure.

Module I: Use of Mathematical concepts in economic Theory- a) Differential calculus-meaning-definition- Rules- - marginal utility- marginal revenue- marginal cost-Marginal productivity -Elasticity
b)Maximization of d Minimization.

Module II: Mathematical Functions in Economic Concepts

- a) Definition of functions- types of functions-Cost function-revenue function- Homogeneous production function- Cobb-Douglas production function-Consumer surplus
- b) Simultaneous equations-meaning-definition-Basic rules-Demand Function-supply function- Determination of equilibrium price and Output.

Module III: Measures of Relation in Economic Concepts

a) Correlation- Meaning-types-Karl-parsons coefficient of correlation- b)Regression Analysis- Meaning –Regression equations- interpretation of regression equation coefficient.

Module IV: Time Series –Trend Measurement in Economic activity

- a) Time series – meaning and utility- Components of time series. Measurement of trend in Economic activity

Module V: Construction of Index Number in Economics

Index numbers- Meaning and importance of Index Numbers. Tests of adequacy of Index Numbers – Limitations of Index numbers. Concepts of Price Index numbers – cost of living index numbers.

References:

1. Gupta, S.C. and V. Kapoor (2005). “Fundamentals of Mathematical statistics, Sultan chand & son publishers.
2. Stephen Bernstein and Ruth Berstein (2005) Theory and problems of Elements of Statistics, Schaum’s Outline series, Tata Mc Graw Hill publishers.
3. Monga, G.S (1993) Mathematics and Statistics for Economics Vikas publishing house pvt ltd. New Delhi.
4. Telugu academy text book on Economic statistics.

