

**M.Phil. DEGREE EXAMINATION, APRIL 2010**

**Second Semester**

**Economics**

**MICRO FINANCE AND RURAL DEVELOPMENT**

**(CBCS—2008 Onwards)**

Duration : 3 Hours

Maximum : 75 Marks

Answer any **Five** of the following. (5 × 15 = 75)

1. Describe the importance of micro finance in Rural development
2. Explain the role of micro finance institution. in Rural India.
3. Analyse the role of NABARD in Agricultural finance in India.
4. Evaluate the sources of credit for Indian farmers.
5. Discuss the role of micro finance in employment generation.

6. Evaluate the poverty alleviation programme taken by the micro finance institution.
7. Explain the various models of SHG's.
8. Analyse the role of SHGs in women empowerment.
9. Explain the recent development in the field of rural finance in India.
10. Discuss the future challenges of micro finance in India.

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**M.Phil. DEGREE EXAMINATION, APRIL 2010**  
**First Semester**  
**Economics**  
**QUANTITATIVE TECHNIQUES IN ECONOMICS**  
**(CBCS—2008 Onwards)**

Duration : 3 Hours

Maximum : 75 Marks

(5 × 15 = 75)

Answer any **Five** of the following questions.

1. Prove that :
  - (i)  $(A \cup B)' = A' \cap B'$
  - (ii)  $(A \cap B)' = A' \cup B'$
2. Discuss concave and convex functions.
3. Explain the essential features of Slutsky equation.
4. Maximise  $U = q_1q_2 + q_1 + 2q_2$   
subject to  $p_1 = 2, p_2 = 5$ , and  $y = 51$ ,
5. Prove that the elasticity of substitution for Cobb-Douglas production function is unity.

6. Explain the relationship between TC, MC and AC.
7. Discuss the relationship between AR and MR curves.
8. Distinguish between Leontief's open and closed input - output models. Explain the Hawkins-Simon conditions for the existence of a general solution to the input output system.
9. Using any example from economics show how the dual of a linear programming problem can be interpreted.
10. Solve the following linear programming problem by Simplex method :—

Maximize  $f = (2x_1 + 3x_2)$

subject to  $x_1 + 4x_2 \leq 10$   
 $2x_1 + 3x_2 \leq 6$

and  $x_1, x_2 \geq 0$ .

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**M.Phil. DEGREE EXAMINATION, APRIL 2010****Second Semester****Economics****CONTEMPORARY ISSUES IN INDIAN ECONOMIC  
DEVELOPMENT****(CBCS—2008 Onwards)**

Duration : 3 Hours

Maximum : 75 Marks

(5 × 15 = 75)

Answer any **Five** of the following.

1. Evaluate the various poverty alleviation programmes implemented by the Government of India.
2. Trace the size, growth and structure of population in India during 1981-2001 census.
3. Critically evaluate the causes for low productivity in Indian Agriculture.
4. Examine the achievements of NABARD in the field of rural credit.
5. State the factors hindering the progress in human development.
6. Discuss the achievements and failures of the Five year plans in India.

7. Suggest measures to correct the disequilibrium in Balance of payments.
8. Bring out the role of FERA in India's trade.
9. Analyse the New economic policy in India.
10. Critically examine the causes and effects of Inflation.

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**M.Phil. DEGREE EXAMINATION, APRIL 2010**

**Second Semester**

**Economics**

**ECONOMICS OF INFRASTRUCTURE**

**(CBCS—2008 Onwards)**

Duration : 3 Hours

Maximum : 75 Marks

[5 × 15 = 75]

Answer any **Five** of the following questions.

1. Discuss the significance of infrastructure in economic development.
2. Assess the various principles and policies of pricing in public utilities.
3. Explain the problems of road transport in India.
4. Critically examine development, progress and problems of Indian railways during the five year plans.
5. Discuss the characteristics of postal services in Indian.

6. Describe the various factors determining demand for energy in India.
7. Examine the relationship between energy and economic development.
8. Discuss the effects of energy shortage in India.
9. Explain the importance of human resource development.
10. Describe the various factors influencing of Health.

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**M.Phil. DEGREE EXAMINATION, APRIL 2010****First Semester****Economics****RESEARCH METHODOLOGY****(CBCS - 2008 Onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part - A**

(5 × 15 = 75)

Answer any **Five** questions.

1. Differentiate between pure and applied research with apt examples.
2. Bring out the importance of research in social sciences.
3. Enumerate the sources of a research problem.
4. Describe the problem of objectivity in social research.
5. Explain various sources of hypothesis.

6. Give a detailed account of ANOVA and its significance in research.
7. Enumerate the types of sampling.
8. Distinguish between primary and secondary sources of data.
9. Explain the significance of a research report and the steps involved in writing the report.
10. Explain the components of a research design. Prepare a research design for a problem of your choice.

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