I-SEMESTER
MICRO ECONOMICS-PAPER-1.1
MODEL QUESTION PAPER

Time: 3 hours         Max. Marks: 90

Part-A (Conceptual)
1. Answer any nine of the following questions in 5-6 sentences each: 2x10=20
   a) Distinguish between positive and normative economics
   b) State any two uses of the study of microeconomics
   c) Give the meaning of production function
   d) Distinguish between cardinal and ordinal utility
   e) What is an indifference map?
   f) Give the meaning of the term equilibrium
   g) Distinguish between increase and extension of demand.
   h) What is opportunity cost?
   i) Differentiate between a firm and industry.
   j) Given the meaning of selling costs
   k) Define Quasi rent.
   l) Mention any two features of Oligopoly.

Answer any four questions: 5x5=25
   2. Graphically explain the economy’s production possibility curve in terms of economic growth.
   3. Explain various types of price elasticity of demand with the help of diagrams.
   4. Describe the two conditions necessary for attaining equilibrium for a firm in the short-run.
   5. Discuss the conditions of price discrimination under monopoly.
   6. Explain the innovation theory of profit.

Part-C (Descriptive)
Answer any four questions: 15x3=45
   8. Compare and contrast the marginal utility approach with the indifference curve approach in understanding consumer behaviour.
   9. State and explain with suitable diagrams the law of demand. What are the reasons for the downward slope of the demand?
   10. How does the producer attain equilibrium under the iso-quant approach?
   11. Discuss the role of time element in the determination of price and output under perfect competition with the help of suitable diagrams.
   12. Explain the liquidity preference theory of Interest. What is liquidity trap?
Time: 3 hours         Max Marks: 90

Part-A (Conceptual)
1. Answer any ten of the following questions in 5-6 sentences each: 2x10=20
   a) Define macro economics
   b) Distinguish between GDP and GNP
   c) Name any two Classical economists.
   d) Expand M.P.C and M.E.C
   e) State Fisher’s equation of exchange.
   f) Give the meaning of margin requirement.
   g) Distinguish between impact and incidence.
   h) What is meant by deficit budget?
   i) Give the meaning of fiscal administration.
   j) Distinguish between inflation and deflation.
   k) What is stagflation?

Answer any four questions: 5x5=25
2. Examine the circular flow of income and wealth in an economy.
3. Distinguish between the working of the multiplier and accelerator.
4. Explain the portfolio management of a bank.
5. Examine the different methods of debt redemption.
6. What are the different phases of trade cycle?
7. Explain Demand pull and cost push inflation.

Part-B (Analytical)

Part-C (Descriptive)
Answer any four questions: 15x3=45
8. Discuss the different concepts of national income, How is national income estimated.
10. Distinguish between quantitative and qualitative methods of credit control. Discuss quantitative methods elaborately.
11. Critically examine the principle of maximum social advantage.
12. Distinguish between cost-push and demand-pull inflation. Discuss the different effects of inflation.

MODEL QUESTION PAPER
III-SEMESTER
QUANTITATIVE METHODS-PAPER 3.1

Time: 3 hours         Max. Marks:90

Part-A (Conceptual)
1. Answer any ten of the following question in 5-6 sentences each: 2x10=20
   a) Write formula for calculation of the present value for a given future stream of income.
   b) What is meant by non-singular matrix? Give an example.
   c) If y=x^2 find dy/dx using first principle.
   d) If y=x^2 find Ey/Ex, the elasticity of y with respect to x.
   e) Define consumer’s surplus using mathematics.
f) Express the price elasticity in terms of MR and AR  
g) What does the measure dispersion measure?  
h) Write down the normal equations for the X on Y regression Line.  
i) Distinguish between fixed and chain based index numbers.  
j) When does both the regression lines coincide?  
k) What does the trend reflects in the time series analysis?  
l) Give the scatter diagram for \( r = -1 \)

Part-B (Analytical)

Answer any five questions: 5x5=20

2. If \( D = 100 - 3p \) and \( S = 50 + 2p \) calculate the equilibrium price and the quantity. When a specific tax of Rs. 3 per unit is levied calculate the new equilibrium price and the quantity.

3. Define the elasticity of the Total cost. Prove that the elasticity of the average cost is equal to the elasticity of the total cost minus one.

4. The long run cost functions of a firm is \( C = q^3 - 4q^2 + 8q \). Prove that \( MC = AC \) at the minimum point of \( MC \).

5. For the data given below Obtain Mean, Median and Mode.

\[
\begin{array}{c|c|c|c|c|c|c}
X & 10 & 20 & 30 & 40 & 50 \\
f & 5 & 6 & 10 & 8 & 3 \\
\end{array}
\]

6. For the Time series data given below obtain the trend by using OLS method.

\[
\begin{array}{c|c|c|c|c|c}
Year & 1950 & 1951 & 1952 & 1953 & 1954 \\
Y & 50 & 60 & 58 & 65 & 70 \\
\end{array}
\]

7. The following are the marks scored by 10 students in Economics and statistics. Obtain Karl Pearson’s correlation coefficient.

\[
\begin{array}{c|c|c|c|c|c|c|c|c|c}
\text{Economics} & 58 & 65 & 72 & 68 & 52 & 55 & 53 & 56 & 87 & 62 \\
\text{Statistics} & 50 & 60 & 58 & 68 & 70 & 34 & 56 & 75 & 80 & 65 \\
\end{array}
\]

Part-C (Descriptive)

Answer any four questions: 15x3=45

8. a) If \( u = f(x) \) and \( v = g(x) \) Prove that

\[
E(u.v) = E(u)E(x) + E(v)E(x)
\]

b) Given the demand law for related commodities \( q_1 = 100p_1p_2 \) obtain the price the partial cross elasticities and establish that the commodities are compliments.

9. a) Distinguish between consumer and producer surpluses.

b) If \( D = 50p + 250 \) and \( S = 25p + 25 \) obtain both consumer and producer surpluses at the equilibrium.

10 a) Explain why standard deviation is considered superior than the mean deviation measures.

b) The following are the scores secured by two batsmen in a Worlds Cup cricket series.

\[
\begin{array}{c|c|c|c|c|c|c|c|c}
A & 58 & 65 & 72 & 68 & 52 & 55 & 53 & 56 & 87 & 62 \\
B & 50 & 60 & 58 & 65 & 70 & 34 & 56 & 75 & 80 & 65 \\
\end{array}
\]

Obtain the best average scorer Also name the more consistent batsmen.

11. a) Distinguish Between correlation and Regression.

b) In a beauty context the following are the scores awarded by tow judges A and B Obtain the Sperman’s rank correlation coefficient.
12. a) Distinguish between Time and Factor reversal tests.
b) For the data given below obtain both price and quantity indices by using Fisher’s formula.

<table>
<thead>
<tr>
<th>Commodities</th>
<th>1951</th>
<th>1952</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Price</td>
<td>Quantity</td>
</tr>
<tr>
<td>A</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>D</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>E</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

MODEL QUESTION PAPER

IV-SEMESTER
INTERNATIONAL ECONOMICS-PAPER-4.1

Time: 3 hours          2x10=20

PART-A (Conceptual)

1. Answer any 10 of the following question in 5 to 6 sentences each
   a) Distinguish between internal and international trade
   b) What is absolute cost advantage?
   c) What is community indifference curve?
   d) Distinguish between net-barter terms of trade and gross-barter terms of trade
   e) Distinguish between tariff and quotas
   f) Distinguish between fixed and flexible exchange rate.
   g) What is economic integration?
   h) How is F.D.I different from F.I.I?
   i) What is MFN clause?
   j) What is Euro?
   k) What is Globalisation?
   l) What are SDR’s?

Part-B (Analytical)

Answer any four of the following in about 15 to 20 sentences each        5x5=25

2. Explain the Ricardian theory of international trade?
3. Explain the infant industry argument
4. Explain the advantages of fixed exchange rate
5. What are the objectives of Worlds Bank?
6. What are the various sources of foreign capital?
7. Explain the problem of subsides in WTO regulations.

Part-C (Descriptive)

Answer any four questions:                                15x3=45
8. Critically examine the Heckchsher theory of international trade.
9. Examine the effect of tariff in terms of partial equilibrium analysis.
10. What are the causes for disequilibrium in the balance of payment? Suggest measures to correct disequilibrium.
11. Examine the role of IMF in Promoting international liquidity.
12. Explain the objectives and functions of W.T.O.
MODEL QUESTION PAPER
V-SEMESTER
DEVELOPMENT ECONOMICS-I: PAPER-5.2 (A) (PART-A)

Time: 3 hours         Max. Marks:90

PART-A (Conceptual)
1. Answer any ten of the following question in 5 or 6 sentence each:  2x10=20
   a) Define economic development.
   b) Mention the importance of HDI.
   c) Distinguish between exhaustible and non-exhaustible resources
   d) Give any two reasons for air pollution
   e) Suggest two measures for protecting wild life and forests
   f) State governmental measures to protect bio-diversity.
   g) What are the different concepts of human capital formation?
   h) Distinguish between tied-aid and untied-aid.
   i) State any two advantages of labour intensive technology.
   j) Mention the different sources of capital formation.
   k) Define investment criteria
   l) Expand P.Q.L.I

PART-B (analytical)
Answer any four of the following questions in 15-20 sentences each.  5x5=25
2. Explain the economic factors in economic development.
3. Discuss the need to create awareness to protect environment
4. Bring out two limitations of deficit finance as a source of development finance.
5. Explain SMP criterion.
6. Briefly explain the role of entrepreneur in economic development.
7. Explain the concept of gender employment, What is its importance in economic development?

PART-C (Descriptive)
Answer any four of the following questions in four to five pages each  15x3=45
8. Distinguish between economic growth and economic development. Evaluate the measurements of economic development.
9. Explain the role of government and NGO’s in preventing environmental decay.
10. Describe the components of manpower planning.
11. Discuss the importance of foreign aid as a source of development finance.
12. Discuss the role of technology in economic development. Mention the problems associated with the transfer of technology in under developed countries.
**V-SEMESTER**  
**ECONOMIC DOCTRINES-I: PAPER-5.2 (B) (PART-A)**

Time: 3 hours  
Max. Marks: 90

**PART-A (Conceptual)**

1. Answer any ten of the following question in 5 or 6 sentence each: 2x10=20
   
a) What do you mean by reciprocal needs?
   
b) What is tableau economique?
   
c) What is division of labour?
   
d) Define wages fund
   
e) State St. Simon’s Parable.
   
f) What do you mean by return to scale?
   
g) What do you mean by rarete?
   
h) Distinguish between economic goods and non-economic goods as stated by Menger.
   
i) Give the meaning of marginal pairs
   
j) Distinguish between inductive method and deductive method.
   
k) Define marginal productivity.

**PART-B (Analytical)**

Answer any four of the following questions in 15-20 sentences each. 5x5=25

2. Give an account of the factors that gave rise to physiocracy.

3. Write a note on Say’s law of market.

4. Examine the contributions of Proudhon to economic doctrines.

5. What are Gosse’s contributions?

6. Explain the contributions of Mrs. Joan Robinson to economic thought

7. Give a brief note on the Ricardian theory of value.

**PART-C (Descriptive)**

Answer any four of the following questions in four to five pages each 15x3=45

8. Discuss the contributions of Mercantalists to economic thought.

9. Critically examine the Malthusian theory of population

10. Bring out the main economic ideas of Karl Marx.

11. How does the Mraginal school deviate from the labour theory of value?

12. Examine the Marshallian concept of value determination.

---

**MODEL QUESTION PAPER**  
**VI-SEMESTER**  
**INDIAN ECONOMY-II PAPER-6.1 (PART-B)**

Time: 3 hours  
Max. Marks: 90

**Part-A (Conceptual)**

1. Answer any 10 of the following questions in 5 to 6 sentences each 2x10=20
   
a) What are hundis?
   
b) Expand S.E.B.I
   
c) State any two functions of I.D.B.I
   
d) What are E.P.Z’s?
   
e) State any two causes for rapid growth of imports
f) Expand TRIPS

h) Mention the sources of non-tax income of the Union government

i) State the duties of VAT

j) What is Karnataka’s ranking in HDI?

k) What is the size of Karnataka’s population according to Census-2001?

l) State the functions of PHU’s

PART-B (Analytical)
Answer any four of the following questions in 15 to 20 sentences each
5x5=25

2. Explain the Post-1991 reforms in the banking sector

3. Explain the recent trade policy of the Government of India

4. What are the factors responsible for generation of black money?

5. Write a note on the land use pattern in Karnataka

6. Explain the growth of the I.T. Industry in Karnataka

7. What are the major recommendations of the 12th finance commission?

Part-C (Descriptive)
Answer any four of the following in not more than FOUR pages each
15x3=45

8. Critically examine the monetary policy of the RBI

9. What is globalization? Explain the impact on India’s foreign trade.


11. Explain the growth and problems of the sericulture sector in Karnataka.

12. State the indicators of regional disparities in Karnataka. Suggest remedies to reduce it.
2. Sketch the Schumpeterian theory of capitalistic development
3. Bring out the main economic ideas of A.C. Pigou
4. Write a note on Leibenstein’s critical minimum effort theory
5. Explain the economic ideas of Nehru.
6. Describe the contributions of Milton Friedman to economic doctrines.
7. Explain the wage good model of P.R. Brahmananda.

PART-C (Descriptive)
Answer any four of the following questions in four to five pages each 15x3=45
8. Explain the main features of Keynesian revolution
9. Discuss the contributions of A.K. Sen to welfare economics
10. Critically examine the Rostow’s stages of growth
11. Examine the Gandhian doctrine of trustesship
12. Discuss the contributions of Jan Tinbergen to economics

VI-SEMESTER
ENVIRONMENTAL ECONOMICS-II: PAPER-6.2 (C) (PART-B)
(Optional Paper)

COURSE OBJECTIVES:
➢ To build a student’s Knowledge of the conceptual and theoretical foundation of environmental economics as a special branch of economics.
➢ To appraise a student with emerging environment issues and polices at national and international levels.

MODULE-I SUSTAINABLE DEVELOPMENT
• Concept, definition, approaches-Hardwick, London School, safe minimum approach, Daly’s operational principles [3 Hrs]
• Indications goal, requirements and obstacles of sustainable development [3 hrs]
• Sustainable Vs conventional development. Economics of re-cycling, sustainable agriculture [3 Hrs]
• Policy approach to sustainable development political economy of sustainable development. Techno-centric, Eco-centric solution to sustainable development [3 Hrs]
[Total: 12 Hours]

MODULE-II POPULATION AND ENVIRONMENT
• Population growth of species, human population theory of demographic transition, growth, density, migration industrialization, pollution, waste, [5 Hrs]
• Development of technology for population support, food security, ecology, of the poor, affluent [5 Hrs]
• Gender and environment [2 Hrs]
[Total: 12 Hours]

MODULE –II ENVIRONMENTAL VALUATION AND POLICY INSTRUMENTS
• Need for environmental valuation-Methods Direct-contingent valuation-Indirect-averting behaviour approach, weak complementary approach, and Hedonic approach, Applications of approaches and policy instruments. [4 Hrs]
• Direct-pollution taxes, changes, and emission trading rights. Deposit refund systems, performance bond, and strict liability for pollution. [3 Hrs]
• Indirect-taxes on outputs of inputs of polluting activities, accelerated depreciation allowance, subsidies for adopting cleaner technologies, effluent treatment plants, eco-certification of products, environmental audit.
• Wide effects of environmental regulations [5 hrs]  
  [Total: 12 Hours]

MODULE-IV  ENVIRONMENT ISSUES

• International environmental issues-pollution issues-global warming, acid rain, ozone depletion, desertification-causes, effects  [3 Hrs]
• Ecological issues-tropical rain forests, endangered species.  [2 hrs]
• International trade issues-domestic environment policy.  [2 Hrs]
• Cost of production exportable. International co-operation. National issues-case studies, development and environmental issues.
• Upper Krishna Project-Narmada River Valley Project-National Parks, Sanctuaries, Project Tiger, Tanneries, Quarries  [5 Hrs]
  [Total: 12 Hours]

MODULE –V     ENVIRONMENTAL POLICY IN INDIA

• Ministry of Environment and Forest, Govt, of India –Role, Environmental Legislation in India, Central Pollution Control Board  [3 Hrs]
• Collective action, Role of NGO’s, Environment education and awareness.  [4 Hrs]
  [Total: 12 Hours]

READING LIST:

1. Alexander Gray, The Development of Economic Doctrines
2. Arthur Mource, Early Economic Thought
3. Edmand Whittaker, Schools and Streams of Economics thought
4. Ganguly, Indian Economic Thought
5. Guidy and Rist, A History of Economic Doctrines
6. Hajeal T.N., History, of Economic Thought
7. Hancy L.H., History, of Economic Thought
9. Mc Connel J.W., Ideas of Great Economists
10. Puttaswamaiah, Nobel Economists
11. Spiegel H.W, The Development of Economic Thought
12. William J Barber, A History of Economics Thought