Himachal Pradesh University, Summer Hill, Shimla – 05
Centre for Distance and Online Education
Department of Economics

MA (Economics) I Semester
Paper: Labour Economics
Course Code-ECON 114 (DSC)

Last Date of Submission: November 15, 2023

Important Instruction: All the students are required to prepare both the assignments separately. Sample of title page is attached. Students are also directed to prepare assignments in the time bound manner as the admit cards for appearing in the exams will not be generated until awards of internal assessment are not entered in the portal.

Assignment – I

Maximum Marks – 10

Note: Attempt any two questions of the following:

Q1. Define Labour Economics? What are the characteristics of labour markets in developing economies?
Q2. Discuss supply of labour. What are the causes of backward sloping supply curve?
Q3. What is unemployment? What are the measures and key indicators of unemployment?
Q4. Critically examine the subsistence theory of wages.

Assignment – II

Maximum Marks – 10

Note: Attempt any two questions of the following:

Q1. Critically examine the marginal productivity theory of wages.
Q2. Define minimum wage. What are the various concepts of minimum wages?
Q3. Define Industrial Dispute. What are the methods of settlement of industrial disputes?
Q4. Discuss The Trade Unions Act. What are the rights and liabilities of registered trade unions?

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MA (Economics) ……Semester

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Contact No. ……

Date:…….....

Signature……..

Himachal Pradesh University, Summer Hill, Shimla-5
Centre for Distance and Online Education
Department of Economics

MA (Economics) I Semester
Paper: International Economics
Corse Code-ECON113 (DSC)

Last Date of Submission: November 15, 2023

Important Instruction: All the students are required to prepare both the assignments separately. Sample of title page is attached. Students are also directed to prepare assignments in the time bound manner as the admit cards for appearing in the exams will not be generated until awards of internal assessment are not entered in the portal.

Assignment- I

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1. Critically examine the Heckscher-Ohlin Theory of International Trade.
Q2. Discuss the Secular Deterioration hypothesis. Point out its policy implications for the developing countries.
Q3. Write about aid versus trade controversy
Q4. Discuss the Stolper-Samuelson theorem of income distribution.

Assignment- II

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1. Explain the impact of WTO on developing countries.
Q2. Describe absorption approach of Balance of Payment adjustment
Q3. Discuss the evolution of International Monetary System since 1970.
Q4. Write a critically note on the problem of international liquidity.

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Himachal Pradesh University, Summer Hill, Shimla-5
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MA (Economics) I Semester
Paper: Elementary Mathematics for Economics
Course Code-ECON112 (DSC)

Last Date of Submission: November 15, 2023

Important Instruction: All the students are required to prepare both the assignments separately. Sample of title page is attached. Students are also directed to prepare assignments in the time bound manner as the admit cards for appearing in the exams will not be generated until awards of internal assessment are not entered in the portal.

Assignment- I

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1. (a) State and explain the properties of determinants.

(b) Solve the following equations using Cramer's rule:

$X + Y + Z = 6$
$2X + 5Y + 5Z = 27$
$2X + 5Y + 11Z = 45$

Q2. (a) If the law of demand is $q = \frac{20}{p+1}$, find the price elasticity of demand when p = 3

(b) If the utility function is $U = Q_1^{1/2} Q_2^{1/2}$, what will be the slope of indifference curve when $Q_1 = 20$ and $Q_2 = 40$.

Q3. (a) State Euler's Theorem. What is its utility?

(b) If the production function is $q=2L^{3/4} K^{1/4}$ then find marginal productivity of labour and capital

Q4. (a) If demand function is $P = (a + bx)^2$ then find the value of X where elacity of demand is unity.

(b) If C is the total cost of output x, it is known that marginal cost always equals average cost, show that average cost is constant.

Assignment- II

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1. (a) Show that $4(x^2 + y^2) + 12ax – 6ay – a^2 = 0$ represents a circle. Hence find its centre and radius.

(b) Show the demand law $p = a – bx^2$ gives parabolic average and marginal revenue curves.

Q2. (a) Evaluate $\int (3x+2)/(x+1)^2 (x-2)$

(b) If the demand function is $p=25-3X-3X^2$ then find the consumer's surplus when $p=7$

Q3. (a) Give a brief introduction of the input output model

(b) Explain the Hawkins-Simon Condition. Are these condition satisfied for $A=\begin{bmatrix} 0.7 & 0.2 \\ 0.4 & 0.9 \end{bmatrix}$

Q4. (a) Discuss the uses of Linear Programming Problem (LPP) in the planning models.

(b) Solve the following LPP by simplex method

Maximize $z = 3x + 2y$

Subject to $2x + y \leq 40$

$x + y \leq 24$

$2x + 3y \leq 60$

and $x, y \geq 0$

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Himachal Pradesh University, Summer Hill, Shimla-5
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MA (Economics) I Semester
Paper: Micro Economics
Corse Code-ECON111 (DSC)

Last Date of Submission: November 15, 2023

Important Instruction: All the students are required to prepare both the assignments separately. Sample of title page is attached. Students are also directed to prepare assignments in the time bound manner as the admit cards for appearing in the exams will not be generated until awards of internal assessment are not entered in the portal.

Assignment- I

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1 Discuss the role of assumptions in economic models. Also explain the significance of empirical testing of economic testing.

Q2 Critical examine the Sylos-Labini model of limit pricing.

Q3 Discuss the price determination of public enterprises and public utilities.

Q4 Define asymmetrical information? How does asymmetrical information lead to market failure?

Assignment- II

Maximum Marks – 10

Note: Attempt any two questions out of following:

Q1 Discuss the pricing and output behaviour under oligopoly market.

Q2 Critically explain the Ricardian theory of rent.

Q3 Explain the Keynessian theory of interest.

Q4 Describe the Robbinsian concept of welfare economics.

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