2014
B.E. (Information Technology)
Fourth Semester
HSMC - 401a: Economics

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt _five_ questions in all, including Question No. I which is compulsory and selecting two questions from each Section.

x-x-x

1. Attempt all questions
   a) Define law of diminishing marginal utility using differential calculus.
   b) How will you differentiate terms 'elasticity' and 'slope'?
   c) Discuss third degree of price discrimination under monopoly.
   d) How GDP is different from National Income?
   e) Show the formula of inflation if the variable P_t represents price at time period t.

   (2×5=10)

Section A

2. Discuss degrees and propositions of price elasticity of demand in detail.

   (5+5=10)

3. Differentiate Law of Equi-marginal utility from Law of Diminishing Marginal Utility.

   (10)

4. Discuss in detail law of variable proportion.

   (10)

Section B

5. Discuss the process of price determination under perfect competition.

   (10)

6. Discuss the process of equilibrium income determination at Macroeconomic level under the light of classical theory.

   (10)

7. Discuss the effects of inflation in detail. Also discuss frequently used measures to control inflation in India.

   (10)

x-x-x