

219

Bt(ECE) -16

Exam.Code:0927

Sub. Code: 33646

2125

B.E. (Electronics and Communication Engineering)

Third Semester

HSS-301: Economics

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

1. Answer the following:-

- a) How to measure elasticity of demand?
- b) Define the law of diminishing marginal utility using a mathematically defined utility function.
- c) Using a production function differentiate the "return to factor" and "returns-to-scale"
- d) How will you define national income?
- e) How will you measure inflation rate using a variable 'Y' representing a price index that varies over time period 't'? (5x2)

UNIT - I

2. How will you differentiate the terms 'slope of demand function' and 'elasticity of demand'? Discuss the degrees of the elasticity of demand in detail. (10)
3. What do you mean by utility? How the law of equi-marginal utility is different from law of diminishing marginal utility? (10)
4. Discuss the law of variable proportion in detail. (10)

UNIT - II

5. Discuss the price discrimination and its degrees under monopoly. (10)
6. What are the various aggregates of national income? (10)
7. Discuss the different measures of inflation. (10)

x-x-x