ECONOMICS GENERAL

ET-4-ECO-501

ELEMENTARY STATISTICS FOR ECONOMICS

Total Marks: 80

No. of classes: 96

Unit I: Introduction: Definition of statistics, uses and abuses of statistics, statistical data- primary and secondary data, methods of collecting data, census vs. sample type of investigation. (24 classes)

Unit II: Measurement of central tendency- mean (arithmetic and geometric), median, mode, comparative merits and demerits of measure of central tendency. (24 classes)

Unit III: Measures of dispersion: range, inter-quartile range, quartile deviation, mean deviation and standard deviation. . (24 classes)

Unit IV: Index Number: Definition and meaning, problem of construction, uses and limitation, computation of Laspeyers’, Paasches’, Fisher’s index as an ideal index.

(24 classes)

**Reading List:**

1. Gupta and Kapoor. Fundamental Methods of Applied Statistics, Sultan Chand & Sons.
2. S.P. Gupta: Statistical Methods, Sultan Chand and Sons.
3. D. N. Elhance, Veena Elhance B. A. Aggarwal: *Fundamentals of Statistics,* Kitab Mahal.

ECONOMICS GENERAL

ET-3-ECO-502

DEVELOPMENT ECONOMICS

Total Marks: 60

No. of classes: 64

Unit I: Growth and Development: Growth vs. Development, Factors affecting economics growth: capital, labour and technology, characteristics of developing countries, measurement of economic development including Human Development Index, obstacles to economic growth and economic development.

(20 Classes)

Unit II: Theories of Economic Development and Economic Growth: Classical theory of Growth and Stagnation including Malthus’s version, Doctrine of Balanced Growth and Unbalanced Growth, Rostow’s Stages of Economics Growth.

(22 Classes)

Unit III: Human Resource Development and Manpower Planning: Population growth and quality of life, health challenges faced by the developing countries including HIV/AIDS; Health and productivity, health policy for the developing countries; Role of education in economic development; Education, inequality and poverty; Unemployment and underemployment problems of developing countries, Manpower planning; Brain Drain.

(22 Classes)

**Reading List:**

1. Michael P. Todaro & Stephen C. Smith: *Economic Development*, Pearson Education.
2. A.P. Thirlwall: *Growth and Development with Special Reference to Developing Economies,* Palgrave/Macmillan.
3. R. Dtt & K.P.M. Sundaram: *Indian Economy,* S. Chand & Co.
4. S.K. Mistra & V.K. Puri: *Indian Economy,* Himalaya Publishing House.