

## **SUBJECT NAME – EKISTICS: SCIENCE OF HUMAN SETTLEMENT**

**SUBJECT CODE – 3346206**

### **FOCUS:**

It involves the study of all kinds of human settlements, with a view to geography and ecology — the physical environment — and human psychology and anthropology, and cultural, political, and occasionally aesthetics, organized in five **ekistics elements**: Nature, Anthropos, Society, Shells, and Networks.

### **CONTENTS:**

- Scope, definition and introduction
- Ekistics units: Anthropos (1) to Ecumenopolis – 50,000 million
- Details of history and extent of human settlements, quality of human settlements
- 5 elements of Ekistics – Nature, Anthropos, Society, Shells and Networks
- The ekistics study will be conducted to analyze and understand human settlements in details in the following manner:
  - Physical factors- such as buildings used for housing, community services, commerce and recreation.
  - Activity pattern- means the various socio-economic and cultural activities which form the basic functions of the core
  - Traffic factor- study of movement and transportation facilities which connect activities and spaces
  - Aesthetic factors- include the visual aspects perceived by human sensory systems. Study of certain features like color, form, smell and noise, sense of motion and visual contrast.

### **SUGGESTED BOOKS**

- Ekistics: an introduction to the science of human settlements, Kōnstantinos Apostolou Doxiadēs, Oxford University Press, 1968
- Ekistics 1969, 312 (Nov. 1969) by W.A. Howard,
- Emergence and Growth of an Urban Region, Vol.1, Analysis (1966); Vol. 2, Future Alternatives (1967); Vol. 3, A by C.A. Doxiadis,
- Concept for Future Development (1970) (Detroit Edison Co., Detroit)
- Past journals “Ekistics” published by Ekistic Institute, Athens, Greece