

## Course – CBCS Semester II AECC

### ENVIRONMENTAL STUDIES

F.M.: 50	→ 1. 40 marks External on OMR Sheet	---	Time: 1½ Hrs.
	→ 2. 10 marks Internal Theory		

There shall be 40 multiple choice questions each of one mark. The students are required to answer on OMR sheet.

#### **Unit 01 :**

Environment and environmental factors; scope and importance of environmental studies; Need for public awareness.

*(02 Lectures)*

#### **Unit 02 :**

General concept of an ecosystem; producers, consumers and decomposers, energy flow in ecosystem; food chain & food webs.

Water, air, soil & noise pollution – causes and effects. Global warming, Climate change, Waterborne diseases.

*(08 Lectures)*

#### **Units 03 :**

Natural resources: Concept of Natural resources, Forest resources and deforestation. Water resources and impact of use and over-utilization of surface & ground water, Water conservation, Rain water harvesting, Mineral resources – use and exploitation; Food resources, world food problems, effect of modern agriculture. Energy resources, renewable and non renewable energy sources.

*(16 Lectures)*

#### **Unit 04 :**

Definition and general concept of biodiversity; Important wildlife, Population explosion & family welfare programme; Environment & human health; HIV/AIDS

*(08 Lectures)*