

+3 5th Sem
DBE (II) Bot - II

2018

Full Marks : 50

Time : 2½ hours

The figures in the right-hand margin indicate marks

Answer all Questions.

Give labelled diagram wherever necessary

- ✓ 1. Discuss the economical, ecological and socio-cultural approaches for sustainable utilization of natural resources. 12

Or

Describe the importance of forests as natural resources for the welfare of mankind.

- ✓ 2. Describe the various management strategies for conservation of fresh water bodies and estuarine. 12

Or

Describe the various sources of renewable and non-renewable sources of energy and their sustainable utilization.

- ✓ 3. How EIA, GIS and participatory resource appraisal practices help in resource management? Explain. 12

A/8(1117)

(Turn Over)

(2)

Or

Describe the various efforts at national and international level for the management of natural resources and their conservation.

4. Write short notes on any two of the following: 2x7 = 14
- (a) Threat to biological resources and management strategies.
 - (b) Ecological footprint with emphasis on carbon footprint.
 - (c) National biodiversity action plan.
