

Total No. of Pages : 02

Total No. of Questions : 09

BRDM (2014 & Onwards) (Sem.-4)

ECOLOGY, FORESTRY AND WASTELAND DEVELOPMENT

Subject Code : BBA-426

Paper ID : [72779]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B consists of FOUR UNITS : Units-I, II, III & IV.**
3. **Each UNIT contains TWO questions each, carrying TEN marks each.**
4. **Student has to attempt any ONE question from each UNIT.**

SECTION-A

1. Answer briefly :
- a. Forest ecosystem
 - b. Succession
 - c. Chemoautotrophs
 - d. Green house effect
 - e. Tertiary consumers
 - f. Seed Bed
 - g. Wasteland
 - h. Social forestry
 - i. Primary Productivity
 - j. Afforestation

SECTION-B

UNIT-I

2. Describe in details the different types of ecosystem.
3. Discuss the trophic dynamic concept of forest ecosystem.

UNIT-II

4. Discuss in detail the effect of non-ecofriendly activities on environment.
5. Define biogeochemical cycle and discuss in detail the nitrogen cycle.

UNIT-III

6. Write short notes on :
 - a. Importance of forest.
 - b. Nursery stock Minor.
 - c. Minor forest product.
 - d. Selection of site and layout of forest nursery.
7. Discuss the effect of management practices on the productivity of forest.

UNIT-IV

8. Discuss the characteristics of species suitable for afforestation of wastelands.
9. Discuss in detail the classification of wastelands on the basis of causative agents.