

1127

B.A./B.Sc. (General) Fifth Semester
Environment Conservation
Paper : Biodiversity and Conservation

Time allowed: 3 Hours

Max. Marks: 65

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. a) Explain the following terms:

- i) Biodiversity hotspots
- ii) National Parks
- iii) Wildlife
- iv) Ex situ conservation
- v) Joint Forest Management
- vi) Environment hazards

(6x2)

b) PIL stands for.....

(1)

UNIT - I

II. Give a concise account of various threats to biodiversity.

(13)

III. a) Discuss the levels of biodiversity

b) Give a concise account of Environment Protection Act (1986)

(2x6½)

UNIT - II

IV. Discuss in detail the role of protected areas in biodiversity conservation.

(13)

V. Briefly discuss various reasons for the extinction of biodiversity.

(13)

UNIT - III

VI. Discuss the concept and importance of Sustainable agriculture.

(13)

VII. Discuss the following:-

- a) Role of religion in environment protection
- b) Significance of Sustainable agriculture

(2x6½)

UNIT - IV

VIII. Discuss in detail the role of trees in conservation of environment.

(13)

IX. Explain the cultivation methods of: Khair, *Calotropis*, *Jatropha*.

(4,4,5)

x-x-x