

Subject: Botany
Paper – V (A) : Biodiversity and Conservation

Time: 3 Hours

Max. Marks: 80

PART – A

Note: Answer any eight questions.

(8 x 4 = 32 Marks)

- ~~1~~ What is species diversity?
2. Uses of Microbes
3. Plant diversity at ecosystem level
4. What is the loss of ecological diversity?
5. Importance of biodiversity Legislation
- ~~6~~ Role of NBPGR in Conservation of biodiversity
7. Botanical gardens
- ~~8~~ Biosphere reserves
9. Role of Sanctuaries in conservation of biodiversity
10. Use of Ornamental plants
- ~~11~~ Commercial importance of fruit crops.
- ~~12~~ Wood and its uses

PART – B

Note: Answer any four questions.

(4 x 12 = 48 Marks)

13. Write an essay on Agrobiodiversity. ✓
14. Explain the values and uses of biodiversity.
15. Discuss the loss of genetic and species diversity. ✓
16. Write about the role of organizations like IUCN, UNEP, UNESCO and WWF in the conservation of biodiversity.
17. Discuss the conservation of Genetic diversity and species diversity.
18. Write about *Ex situ* conservation of biodiversity. ✓
19. Describe the importance of forestry in commercial aspects.
20. Discuss about the Alcoholic beverages in detail. ✓
