

V SEM

III - Part

Unit - I

- ① Values & Uses of Biodiversity
- ② Plant diversity at species level, Genetic & ecosystem level.
- ③ Aesthetic values
- ④ Cultivated taxa
- ⑤ Wild taxa
- ⑥ Agrobiodiversity
- ⑦ Uses of plants
- ⑧ Uses of Microbes

Unit - II

- ① Loss of Genetic diversity, species diversity, & ecosystem diversity.
- ② Management of plant Biodiversity
- ③ IUCN
- ④ UNEP
- ⑤ UNESCO
- ⑥ WWF
- ⑦ NBPGR
- ⑧ Biodiversity legislation and conservation

Unit - III

- ① Conservation of Biodiversity
- ② In situ Conservation (Biosphere reserves, Sanctuaries, National parks)
- ③ Ex situ Conservation (Botanical Gardens, Sacred groove, tissue Culture, Gene/seed/pollen banks)
- ④ Cryopreservation

Unit - IV

- ① Alcoholic beverages through ages
- ② Wood and its uses.
- ③ Role of plants in relation to Human welfare
- ④ Avenue trees
- ⑤ Ornamental plants
- ⑥ Fruits
- ⑦ Nuts