

B.B.A. (Forest Management and Eco-Tourism) CBCS Pattern Semester-II
004 - Nursery and Wild Life Management

P. Pages : 2

Time : Three Hours



GUG/S/25/14295

Max. Marks : 70

- 1.** Answer the following questions **any four**. **4x7**
=28
- 1) Explain the different types of plant nurseries and their significance?
 - 2) Discuss the factors affecting the establishment of a nursery, including soil, climate, and irrigation?
 - 3) Describe the various types of ornamental gardens and their importance.
 - 4) Explain the process of bonsai formation and the selection of plants for bonsai.
 - 5) Discuss the ecological characteristics of important mammals, birds, reptiles, and insects.
 - 6) Explain the concept of wildlife values and differentiate between direct and indirect values.
 - 7) Describe various wildlife population estimation techniques with examples.
 - 8) Explain the practice of protected area management and buffer-zone management.
- 2.** Answer the following questions **any four**. **4x3**
=12
- 1) What are the characteristics of a forest plant nursery?
 - 2) Define pruning and explain its importance in plant growth?
 - 3) What is the significance of aquatic gardens?
 - 4) Name three mammals and describe their ecological roles?
 - 5) What is the importance of termites and bees in an ecosystem?
 - 6) Define population dynamics and list its key components.
 - 7) What are the different methods of wildlife population estimation?
 - 8) Explain the significance of buffer-zone management in conservation.
- 3.** Answer the following questions in one line. **8x1**
=8
- 1) What are the key characteristics of a fruit plant nursery?
 - 2) Explain the role of irrigation and drainage in plant nurseries?

- 3) Define training in plant growth control?
- 4) What is the importance of terrestrial gardens?
- 5) List three birds and their ecological significance?
- 6) Explain the importance of silkworms in the environment.
- 7) What are the different components of population dynamics?
- 8) Explain the significance of wildlife reserves and national parks?

4. Fill in the blanks-

**6x1
=6**

- 1) A nursery that grows plants for timber and afforestation is called----- nursery.
- 2) The process of maintaining soil moisture in a nursery is known as-----
- 3) The art of dwarfing trees and growing them in containers is called-----
- 4) The scientific name of the tiger is-----
- 5) A garden designed for growing fruits and vegetables for household use is called-----
- 6) The estimation of wildlife population using captured and recaptured individuals is known as----- technique.

5. Answer the following questions any two.

**8x2
=16**

- 1) Describe the methods of plant growth control, including training, pruning, and bonsai formation.
- 2) Explain the process of nursery establishment and the role of soil and climate.
- 3) Discuss the wildlife values and explain the different types of values associated with wildlife.
- 4) Explain the practice of national park and wildlife management in Gadchiroli and Chandrapur districts.
