

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Pharm – SEMESTER VII • EXAMINATION – WINTER -2020**

**Subject Code: 2270013****Date: 16/01/2021****Subject Name: Agronomy and Forestry of Medicinal Plants****Time: 10:30AM To 12:30PM****Total Marks: 54****Instructions:**

1. Attempt any **THREE** questions from Q-1 to Q-6.
2. Q.7 is compulsory to attempt.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

- Q.1** (a) Write about conservation of medicinal plants and their ecosystem in India. **06**  
(b) Write a short note on Ecological diversity for cultivation of medicinal plants. **05**  
(c) Brief about The Indian Forest Act, 1927. **05**
- Q.2** (a) Write a comparison between The National Forest Policy 1894, 1952 and 1988. **06**  
(b) Write down basis for classification of forests in India. **05**  
(c) Give a short note on Geographical distribution of forests in India. **05**
- Q.3** (a) Mention the role of forests in national economy. **06**  
(b) Write the factors affecting cultivation of medicinal plants in agro forestry systems. **05**  
(c) What is Biodiversity? Write principles of conservation of biological diversity *in-situ* and *ex-situ*. **05**
- Q.4** (a) Enlist various reasons which are causing loss of biodiversity. Explain in brief. **06**  
(b) Write a short note on biodiversity in relation to global environmental changes. **05**  
(c) Give in brief about The Indian Biodiversity Act 2002. **05**
- Q.5** (a) Write about The Forest Conservation Act, 1980 and its amendments if any. **06**  
(b) Explain the role of The Wildlife Protection Act, 1972 for the conservation of animals. **05**  
(c) Write down role of National parks and Wildlife sanctuaries. **05**
- Q. 6** (a) Explain about various national and global conservation measures. **06**  
(b) Write World Health Organization (WHO) guidelines for the conservation of medicinal plants. **05**  
(c) What is WWF. Explain in detail. **05**
- Q.7** (a) Define Silviculture. Write down its objects and scope. **06**
- OR**
- (a) Write about cultivation of Eucalyptus and Santalum. **06**
- OR**
- (a) Give in brief about importance of medicinal and aromatic plants in human health. **06**

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