

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 7 EXAMINATION – SUMMER -2019

Subject Code: 2270013**Date: 20-05-2019****Subject Name: Agronomy and Forestry of Medicinal Plants****Time: 02:30 PM TO 05:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|-------------|--|-----------|
| Q.1 | (a) Define biodiversity. Describe causes of loss of biodiversity. | 06 |
| | (b) Give a note on salient features of major forest type. | 05 |
| | (c) Explain national and global conservation measures. | 05 |
| Q.2 | (a) Give basis for classification and distribution of forest in India. | 06 |
| | (b) Write a note on methods of conservation. | 05 |
| | (c) Discuss wildlife protection act 1972. | 05 |
| Q.3 | (a) Describe classification of medicinal and aromatic plants according to botanical characteristics. | 06 |
| | (b) Discuss <i>in-situ</i> conservation of biodiversity in medicinal plants. | 05 |
| | (c) Discuss biodiversity with special reference to India. | 05 |
| Q.4 | (a) Define silviculture. What are scope and objectives of silviculture? | 06 |
| | (b) Explain role of wildlife sanctuaries in conservation. | 05 |
| | (c) Discuss biodiversity hot spot in India. | 05 |
| Q.5 | (a) Explain significance of medicinal plants in human health and national economy. | 06 |
| | (b) Write a note on silviculture of dalbergia and pterocarpus. | 05 |
| | (c) Discuss national forest policy 1988. | 05 |
| Q. 6 | (a) Define ecosystem. Describe conservation of plant and ecosystem in India. | 06 |
| | (b) Write a note on role of forests in national economy. | 05 |
| | (c) Discuss Forest conservation act 1980. | 05 |
| Q.7 | (a) Discuss Phytogeographical regions and vegetation of India in detail. | 06 |
| | (b) Describe WWF guidelines on conservation of medicinal plants. | 05 |
| | (c) Describe biodiversity in relation to global environmental changes. | 05 |
