

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.

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
