

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 7- EXAMINATION –WINTER - 2018

Subject Code: 2270013 **Date: 28/11/2018**
Subject Name: Agronomy and Forestry of Medicinal Plants
Time: 10:30 AM TO 01:30 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. Elaborate various reasons of loss of biodiversity.	06
	(b) Define ecology, write objective and scope of ecology.	05
	(c) Write note on Phytogeographical regions and vegetation in India.	05
Q.2	(a) Define forest. Write criteria for classification and distribution of forest in India.	06
	(b) Discuss National Forest Policy 1988.	05
	(c) Write salient features of major types of forest.	05
Q.3	(a) Discuss WHO guide lines on conservation of medicinal plants.	06
	(b) Write a note on in-situ conservation of bio-diversity of medicinal plants.	05
	(c) Write brief note on role of national parks in conservation	05
Q.4	(a) Discuss Wildlife Protection Act.	06
	(b) Discuss Wild life sanctuaries.	05
	(c) Discuss role of forests in national economy	05
Q.5	(a) Define silviculture. Discuss scope and objectives of silviculture.	06
	(b) Write note on silviculture of pterocarpus and shorea.	05
	(c) Write a note on biosphere reserves.	05
Q. 6	(a) Enumerate methods for cultivation of medicinal plants in Agroforestry system, discuss any two of them.	06
	(b) Write TRAFFIC guide lines for conservation of plants?	05
	(c) Write biodiversity of Hot spots in India.	05
Q.7	(a) Write importance of medicinal plants in human health and economy of country	06
	(b) Write classification of medicinal plants according to botanical characteristics.	05
	(c) Write classification of ecology.	05
