

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**B.PHARM – SEMESTER – VII • EXAMINATION – WINTER – 2015**

**Subject Code: 2270013**

**Date: 16/12/2015**

**Subject Name: Agronomy and Forestry of Medicinal Plants**

**Time: 10.30 AM to 1.30 PM**

**Total Marks: 80**

**Instructions:**

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

<b>Q.1</b>	(a)	Define biodiversity. Discuss causes of loss of biodiversity.	<b>06</b>
	(b)	Write a note on <i>in-situ</i> conservation of biodiversity in medicinal plants.	<b>05</b>
	(c)	Discuss biodiversity with special reference to India.	<b>05</b>
<b>Q.2</b>	(a)	WHO guidelines on conservation of medicinal plants.	<b>06</b>
	(b)	Discuss national forest policy 1988.	<b>05</b>
	(c)	Write a note on salient features of major forest type.	<b>05</b>
<b>Q.3</b>	(a)	Define forest. Write basis for classification and distribution of forest in india.	<b>06</b>
	(b)	Discuss role of forests in national economy.	<b>05</b>
	(c)	Discuss wildlife protection act 1972.	<b>05</b>
<b>Q.4</b>	(a)	Give importance of medicinal plants in human helth and national economy.	<b>06</b>
	(b)	Discuss methods of Conservation.	<b>05</b>
	(c)	Write a note on Forest conservation act 1980.	<b>05</b>
<b>Q.5</b>	(a)	Write classification of medicinal and aromatic plants according to botanical characteristics.	<b>06</b>
	(b)	Short note on role of national parks in conservation.	<b>05</b>
	(c)	Discuss biodiversity in relation to global environmental changes.	<b>05</b>
<b>Q. 6</b>	(a)	Define silviculture. Discuss scope and objectives of silviculture.	<b>06</b>
	(b)	Give a note on silviculture of eucalyptus and acacia.	<b>05</b>
	(c)	Short note on Phytogeographical regions and vegetation in India.	<b>05</b>
<b>Q.7</b>	(a)	Define ecosystem. Write conservation of plant and ecosystem in india.	<b>06</b>
	(b)	Discuss Indian biodiversity act 2002.	<b>05</b>
	(c)	Write a note on biodiversity hot spot in india.	<b>05</b>

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