

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.**

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| 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 |
