

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.

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