

647510**MSC4BotC4190****Seat No: _____****M.Sc. (Botany) Semester - 4 (CBCS) Examination****March/April- 2019****Plant Resource Utilization and Conservation****(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Q.1 Answer the following (any 7) 14

1. Define the term 'Trade mark'
2. Write any two scientific names of fibre producing plants
3. What are anthropogenic activities?
4. Enlist the flora found in deserts of India
5. State any two types of forests with two examples of plants species
6. What is farmers right?
7. What is 'forest measurable variables'?
8. Define the term 'Weeding'
9. What is the significance of protecting the traditional knowledge?
10. Explain – Bio-utilization

Q.2 Answer the following (any two) 14

1. State the major staple crops of India and describe in detail
2. Write a note on any two pulses and its economic importance
3. Describe the characteristics of minor staple crop 'Barley'

Q.3 Answer the following 14

1. Explain – Afforestation
2. Write a note on classification of Indian forest

OR**Q.3 Answer the following 14**

1. Explain Silviculture system
2. Write a detailed note on major forest products of India

Q.4 Answer the following (any two) 14

1. Explain the significance of grassland management
2. Write a note on any two species of grassland as fodder resource
3. Banni grassland reserve – Describe

Q.5 Answer the following (any two) 14

1. Intellectual Property Rights
2. Write a note on 'Farmers Right'
3. Explain the role of Biodiversity Act in conservation
4. Biopiracy
