



**DM-003-1144001**

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

**M. Sc. (Sem. IV) (CBCS) (W.E.F. 2016) Examination**

**March - 2022**

**Bot-419 : Botany (Core)**

**(Plant Resource Utilization and Conservation)**

**Faculty Code : 003**

**Subject Code : 1144001**

Time : **2.30** Hours]

[Total Marks : **70**

**1** Answer the following (any seven) **2x7=14**

- (a) Why oat is used as fodder ?
- (b) What is weeding ?
- (c) Write the steps of patent filing.
- (d) Give the scientific name and family of coconut
- (e) What is afforestation ?
- (f) Describe various knowledges ?
- (g) What is traditional knowledge ?
- (h) Write botanical name and family of any two oil seeds.
- (i) What is grassland restoration ?
- (j) Give the full form : WIPO, PCT, TRIPS, FER.

**2** Answer the following (any two) **2x7=14**

- (a) Write short note on forest measurement and protection.
- (b) Give a brief account on minor products of Indian forests.
- (c) Discuss silviculture in detail.

**3** Answer the following. **2x7=14**

- (a) Write short notes on Geographical indication.
- (b) What is IPR ? Discuss IPR property types.

**OR**

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**[ Contd...**

- (a) Give a brief account on copyright and trade mark.
- (b) Discuss India's Biodiversity Act 2002 and its role.

4 Answer the following. **2x7=14**

- (a) Give a detailed account on maize.
- (b) Discuss the cultivation and economic importance of any three pulses crop of India.

5 Answer the following (any two) **2x7=14**

- (a) Write a short note on major grassland reserves of India.
  - (b) Explain the use of *Cenchrus ciliaris* as fodder resource.
  - (c) Discuss the difference between Pallani hills and Kutch grassland reserve.
  - (d) What is grassland management by cutting ?
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