



MBS-003-1144001

Seat No. _____

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

April / May- 2018

BOT-419 : Botany

(Plant Resource Utilization & Conservation)

Faculty Code : 003

Subject Code : 1144001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Answer the following: (any seven) 7×2=14

- (a) What is silviculture?
- (b) Give the scientific name and family of castor.
- (c) List name of forest measurement variables.
- (d) What are anthropogenic grasslands?
- (e) Name flora and fauna found in Terai region of India.
- (f) What is trade mark? Write its role?
- (g) What kinds of invention protected?
- (h) Why traditional knowledge protected?
- (i) Define term Biological diversity and Bio-utilization.
- (j) What is pruning and weeding?

2 Answer the following : (any two) 2×7=14

- (a) Describe the cultivation of any two fiber crop of India.
- (b) Write notes on any two minor crops of India.
- (c) Explain any two pulses and its economic importance.

3 Answer the following : 2×7=14

- (a) Describe the criteria for forest protection.
- (b) Explain in details any two oil seeds.

OR

3 Answer the following: 2×7=14

- (a) Describe major products of Indian forest.
- (b) What is afforestation? Describe briefly.

4 Answer the following: **2×7=14**

(a) Give significance of grassland management in detail.

(b) Explain use of *Cenchrus ciliaris* as fodder resource.

5 Write the short on any two of the following: **2×7=14**

(a) Traditional knowledge

(b) Plant variety protection Act

(c) Biodiversity Act 2002 and its role in conservation

(d) Farmer rights
