

Total No. of Questions :8]

SEAT No. :

[Total No. of Pages :2

P2246

[4932]-49

M.Sc. - II

BOTANY

BO -4.47: Plant Bio-diversity

(Special Paper - II) (2008 Pattern) (Semester - IV)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) Answer any FIVE questions, selecting at least TWO questions from each section.*
- 2) Answer to the two sections should be written in separate answer books.*
- 3) All questions carry equal marks.*
- 4) Neat diagram must be drawn wherever necessary.*

SECTION - I

Q1) Give concise account on bio-diversity legislation and conventions.

Q2) Discuss in detail Ethical and Aesthetic values of bio-diversity. Add a note on precautionary principles of bio-diversity.

Q3) Explain:

- a) Threatened species.
- b) Rules and regulations of bio-diversity.

Q4) Write notes on any two:

- a) Bio-prospecting.
- b) Eco-tourism.
- c) Forest Act.

P.T.O.

SECTION - II

Q5) Give concise account on Ecosystem diversity.

Q6) Explain in detail social approach to conservation and indigenous knowledge system.

Q7) Explain:

- a) Adverse impacts of biotechnology on biodiversity.
- b) Ecological and Human health impacts on biological invasions.

Q8) Write notes on any two:

- a) Mangroove Ecosystem.
- b) Ecosystem restoration.
- c) Boreal Forest.

x x x