

Total No. of Questions : 4]

SEAT No. :

P832

[Total No. of Pages : 2

[5315]-432

T.Y. B.Sc. (Semester - IV)

BOTANY

BO-344: Medicinal and Economic Botany

(2013 Pattern) (Paper - IV)

Time : 2 Hours]

[Max. Marks : 40

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

Q1) Answer the following :

[10]

- a) Define Pharmacognosy.
- b) Give any two methods of classification of drugs.
- c) What is Kapha?
- d) Define garbling.
- e) Mention any two uses of Amala.
- f) What is pharmacokinetics?
- g) Define ethanobotany.
- h) What are economic plants?
- i) Give any two uses of Dioscorea.
- j) Define ethanoagriculture.

P.T.O.

Q2) Attempt any two of the following : **[10]**

- a) Give methods of preparation of Asawa and Churna.
- b) Describe hot continuous extraction of drugs by Soxhlet methods.
- c) Explain methods of cultivation and uses of Adhatoda.

Q3) Write notes on any Two of the following : **[10]**

- a) Storage of crude drugs.
- b) Macroscopic and microscopic characters of Strychnos nux-vomica.
- c) Botanical resources of paper.

Q4) Give distribution, cultivation, microscopic characters and uses of clove. **[10]**

OR

Give evolution origin, sources and uses of sugarcane.

