

Total No. of Questions : 8]

SEAT No. :

**P1717**

**[5229] - 309**

**[Total No. of Pages : 2**

**M.Sc. - II**

**BOTANY**

**BO : 3.46 - Advanced Medicinal Botany  
(2013 Pattern) (Credit System) (Semester - III)**

*Time : 3 Hours]*

*[Max. Marks : 50*

*Instructions to the candidates:*

- 1) *Attempt any five questions.*
- 2) *All questions carry equal marks.*
- 3) *Draw neat labelled diagrams wherever necessary.*

- Q1)** a) Write on traditional system of medicine. [4]  
b) Give procedure for quality control of herbal drugs. [4]  
c) What is drug adulteration? [2]
- Q2)** a) Comment on marine drugs. [4]  
b) Give applications of clove. [4]  
c) What is formulation? [2]
- Q3)** a) Discuss method of cultivation of turmeric. [4]  
b) Explain ayurvedic profile of guggul. [4]  
c) Write on Nutraceuticals. [2]
- Q4)** a) "Plant tissue culture is ideal method for pharmaceuticals". Justify. [4]  
b) Comment on microscopical method for drug evaluation. [4]  
c) What is herbal drug? [2]
- Q5)** a) Mention source, cultivation method and application of Aloes. [5]  
b) Write principle and method of formulation of Bhringraj. [5]

**P.T.O.**

- Q6)** a) Describe scheme for pharmacognostic study of crude drug. [5]  
b) Explain biogenesis of phytopharmaceuticals. [5]
- Q7)** a) Discuss principles and formulations of shatavari. [5]  
b) Give applications of Vasaka and Vinca. [5]
- Q8)** a) Comment on cultivation and utilization of medicinal plants in India. [5]  
b) Explain source, method of cultivation and applications of Aswagandha. [5]

