

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
(Deemed to be University)

**DIPLOMA IN PHARMACY EXAMINATION – April 2019**  
**First Year**

**PHARMACOGNOSY**

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only

All questions carry equal marks

Draw Neat, Labelled Diagram wherever necessary.

1. Define pharmacognosy. Explain in detail various methods of classification of crude drugs with examples.
2. Write the chemical tests useful in the identification of the following :  
a) Acacia    b) Honey    c) Asafoetida    d) Agar
3. Define drug evaluation. Discuss various methods of evaluation of crude drugs with examples.
4. Write a note on : a) Pharmaceutical aids    b) Enzymes and Vitamins.
5. Write a note on source, family, chemical constituents and uses of the following :  
a) Cinchona    b) Ergot    c) Colchicum    d) Shatavari
6. Write a note on differences between following drugs.  
a) Organised and Unorganised crude drugs  
b) Volatile oil and fixed oil
7. a) Explain with a neat diagram morphology of Ginger rhizome and Cinnamon bark.  
b) Write short note on alkaloids with examples.
8. a) Describe with neat labeled diagram the anatomical (T. S) characters of clove.  
b) Collection and preparation of wool
9. Write a note on source, family, chemical constituents and uses of the following :  
a) Clove    b) Vasaka    c) Aloes    d) Garlic
10. a) Write a note on source, method of preparation and uses of Opium.  
b) History and scope of Pharmacognosy.