

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

B.PHARM. DEGREE EXAMINATION – August 2018
First Year

PHARMACOGNOSY

Time : Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: **(2 x 15 = 30)**

1. Describe the microscopical character, cultivation, collection, chemical test and therapeutic uses of cinnamon.
2. Write an essay on animal and plant fibres
3. What are the factors affecting crude drugs during storage bringing about their deterioration? How to prevent or minimize the deterioration?

II. Write short essays on any **SIX** questions: **(6 x 5 = 30)**

4. Adulterants of clove
5. Lycopodium spore method
6. What are differences between fixed oil and volatile oil?
7. Chemical test for benzoin
8. Write short notes on plant hormones
9. Preparation and constituents of gelatin
10. Pharmacognosy of bees wax
11. Write the source, preparation and uses of cod liver oil.

III. Write short notes on any **FIVE** questions: **(5 x 2 = 10)**

12. Types of trichomes
13. Constituent for asafoetida
14. Spirulina
15. Borntrager's test
16. Test for cardiac glycosides
17. Uses of castor oil