

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**B.PHARM. DEGREE EXAMINATION – JULY 2019  
Sixth Semester**

**HERBAL DRUG TECHNOLOGY**

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. a) Describe the components of GMP ( schedule T ) and its objectives. (5)  
b) Write note on phytosomes. (5)
2. a) Write short note on natural disintegrants and binders. (5)  
b) Write the scope of herbal drug industry. (5)
3. a) Write the importance of herbal drug- food interactions studies. (5)  
b) Write note on the nutritional value for honey and fixed oils. (5)

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Write the basic principle involved in the standardization of Lehya.
5. Write the commercial importance of spilulina.
6. Brief the importance of herbal storage conditions optimization.
7. Challenges in herbal drug standardization.
8. Biopesticides.
9. Processing of herbal raw materials.
10. Stages involved in the preparation of Bhasma.
11. Explain the significance of herbal drugs patenting.
12. Write the quality control test for fixed oils.

III. Write short notes on : (10 x 2 = 20)

13. Define patent.
14. Name some natural colorants with sources.
15. Parameters involved in the herbal drug stability testing.
16. Schedule Z.
17. Define herbs.
18. Define Ayush.
19. Define nutraceuticals.
20. Factors affecting herbs growth.
21. Sources for fenugreek.
22. Define biopiracy.