

Sl.No: M22193a

Course Code: 2910213

**VINAYAKA MISSIONS UNIVERSITY, SALEM**

**B.PHARM. DEGREE EXAMINATION – February 2020  
Second Year**

**INDUSTRIAL PHARMACOGNOSY**

Time : Three hours

Maximum: 70 marks

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

1. Write an essay on WHO guidelines of quality control of medicinal plants
2. Give an account of plant based industries and institutions involved in the works on medicinal and aromatic plants in India
3. Elaborate on the preparation and standardization of churna and lehya .

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

4. Principle of Homeopathy
5. Aristas and asavas
6. Industrial production of sennoside
7. Edible vaccine
8. Biogenesis of morphine
9. Production of diosgenin
10. Medicinal use of hallucinogens
11. Purification of enzymes

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

12. Write two medicinal uses of forskolin.
13. Uses of ergotamine.
14. What is probiotics and give example.
15. Gutikas.
16. What is Hairy root culture?
17. Define allergy. Give the example of allergens

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