

[LI 347]

APRIL 2016

Sub. Code: 2908

**M.PHARM. DEGREE EXAMINATION  
FIRST YEAR  
BRANCH III – PHARMACOGNOSY  
PAPER II – PHARMACOGNOSY**

*Q.P. Code: 262908*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. What is Drug evaluation? Enumerate the various methods of Drug evaluation. Discuss in detail about Physical and chemical evaluation of Crude Drugs.
2. a) Briefly explain the general aspects of various sources of Natural Medicinal Products.  
b) Industrial production of Patchouli oil.

**II. Write notes on:**

**(10 x 6 = 60)**

1. General techniques in development and standardization of herbal cosmetics.
2. Discuss briefly about Antibiotic & cyto-toxic agents obtained from marine source.
3. Discuss briefly about Gibberellins.
4. Explain in detail the principle & technique involved in carbon-di-oxide method of extraction of volatile oils.
5. Outline the method of cultivation and collection of *Artemisia annua*.
6. Write a brief note on ayurvedic system of medicine.
7. Highlight the role of Mineral supplements in Drug Improvement.
8. Explain about the methods of pest control.
9. How will you extract plant drugs by microwave assisted technique?
10. Briefly explain the standardization of essential oils.

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