Printed Pages: 01 **Sub Code: RPH109**

Paper Id: 150117 **Roll No.** | | | | | | | | | | |

B. PHARM

(SEM I) THEORY EXAMINATION 2018-19

PHARMACOGNOSY I

Time: 3 Hours ***Total Marks: 70***

Note: Attempt all Sections.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a. Mentioned Biological source and uses of Cod liver oil.

b. Define Inflorescence?

c. Define Stomatal Index?

d. Ideal properties of pesticides.

e. What are sessile flowers?

f. Define Plant Tissue Culture techniques.

g. Write down the chemical test for carbohydrates

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a. Elaborate historical background and modern scope of Pharmacognosy

b. What are the different systems of Classification of crude drugs? Discuss the system based on chemical constituents.

c. Write down the Pharmacognostic details of Linseed oil & Kokum butter.

d. What is Polyhouse? Write a note on the Green House effect.

e. Discuss the morphology and anatomy of leaves. Explain with a diagram.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

(a) Why evaluations of crude drugs are necessary? Discuss Evaluation of Crude drugs based on Microscopy.

(b) Mineral drugs: as a source of drugs. Support your answer with examples.

4. Attempt any *one* part of the following: 7 x 1 = 7

(a) Define pests? Gives the various methods used for management of Pests control.

(b) What are the parameters are involved during the evaluation of herbal drugs? Discuss in details about the Physical method of evaluation of crude drugs.

5. Attempt any *one* part of the following: 7 x 1 = 7

(a) Write a note on Adulteration of crude drugs with suitable examples.

(b) Write a note on Stomata. Mentioned various types of Stomata presents in typical leaves. Explain with diagram and examples.

6. Attempt any *one* part of the following: 7 x 1 = 7

(a) Define pests? Gives the various methods used for management of Pests control.

(b) Give the official source, Morphology, chemical composition and uses of Cod liver oil, shark liver oil

7. Attempt any *one* part of the following: 7 x 1 = 7

(a) Write down the application of Auxins and Gibberellins. Discuss in detail

(b) Write a note on

I) Polyploidy

II) Hybridization