JBS-014-003310 Seat No. _____

Master of Pharmacy Management (Sem. III) (CBCS) Examination

January - 2020

Pharmacognosy-I

Faculty Code : 014
Subject Code : 003310

Time : **3** Hours] [Total Marks : **80**

Instructions :

(1) Attempt three questions from each section.
(2) Questions 1 and 5 are compulsory.
(3) Figure to the right indicates full marks for the respective question.

SECTION-I

1 Answer the following questions. (Any SEVEN) **14**

(1) Differentiate Fat and Wax with examples.
(2) Define soil. Give the classification of soils.
(3) Write the biological source and chemical constituents of olive oil .
(4) Give the two identification tests for Honey.
(5) Differentiate Polyhouses and Green house .
(6) Define Iodine number and Polenski value.
(7) Define polyploidy. Give the classification of polyploidy.
(8) Write the biological source and chemical constituents of shark liver oil .
(9) Write the composition of Mayer's reagent and Wagner's reagent.
(10) Define mutation and hybridization with suitable examples.

2 (1) Define cultivation. Explain in detail factors affecting cultivation of plant with suitable examples. **7**

(2) Discuss in detail modification of stem. **6**

3 (1) Discuss the alphabetical and morphological classification of crude drugs. **7**

(2) Write a Pharmacognostic note on linseed oil & Rice bran oil. **6**

4 (1) Write the biological source, chemical constituents, method of collection, and uses of Acacia & Isabgol. **7**

(2) Discuss in detail leaf apex, leaf margin and leaf venation with their suitable diagrams. **6**

SECTION-II

5 Answer the following questions : (Any TWO) **14**

(1) Write biological source, method of cultivation, chemical constituents, chemical tests and uses of castor oil.

(2) Define adulteration. Discuss in detail adulteration of crude drugs with suitable examples.

(3) Define Pharmacognosy. Discuss in detail history and scope of pharmacognosy.

6 (1) Write Biological source, chemical constituents and uses of Tragacanth & Sterculia gum. **7**

(2) Differentiate monocot leaf & dicot leaf. **6**

7 (1) Explain analytical methods for the determination of microbiological contaminants in herbal drugs according to WHO. **7**

(2) Define plant hormones. Discuss in detail plant hormones with their applications. **6**

8 (1) Write the biological source, chemical constituents, identification tests, and uses of Hyndocarpus oil and Seasame oil. **7**

(2) Write the biological source, chemical constituents and uses of Karanj Oil & mustard Oil. **6**
