

SUBJECT: PHARMACOGNOSY - I

Day: Tuesday
Date: 07/05/2019

Time: 02.00 PM TO 05.00 PM
Max. Marks: 60

S-2019-4392

N.B:

- 1) **Q. No.1 and Q. No. 5 are COMPULSORY.** Solve **ANY TWO** questions from each section.
- 2) Both sections should be written in **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION - I

- Q.1** Solve **ANY FIVE** of the following: [10]
- a) Enlist saptdhatu according to ayurveda.
 - b) What are advantages of chemotaxonomical classification?
 - c) Write main principle of Unani system of medicine.
 - d) Which are different types of soils?
 - e) What are gibberellins?
 - f) What is Churna? Write two examples.
 - g) What are monosaccharides? Give two examples.
- Q.2** Write in detail processing of crude drug. [10]
- Q.3** a) Write in brief history of pharmacognosy. [07]
- b) What is effect of altitude on cultivation of medicinal plants. [03]
- Q.4** Write short notes on **ANY TWO** of the following: [10]
- a) Scope of pharmacognosy
 - b) Acetate pathway
 - c) Movalonic acid pathway
 - d) Role of secondary metabolites in plants

SECTION - II

- Q.5** Solve **ANY FIVE** of the following: [10]
- a) Write biological source of pectin.
 - b) Write different chemical constituent of guargum.
 - c) Which are different uses of inulin.
 - d) What are PUFA and MUFA?
 - e) Which are different identification test for castor oil?
 - f) Differentiate fixed oil and fat.
 - g) Write biological source of rice bran oil.
- Q.6** What are carbohydrates? Write occurrence classification biosynthesis, chemistry, uses of carbohydrate. [10]
- Q.7** a) Write pharmcognostic scheme for study of crude drug along with significance of each term. [07]
- b) Write pharmacognostic account of shark liver oil. [03]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Cod liver oil
 - b) Cocoa butter
 - c) Starch
 - d) Acacia