

S.Y.B.PHARM. SEMESTER-IV (CBCS - 2015 COURSE) :

WINTER - 2017

SUBJECT : PHARMACOGNOSY – I

Day : **Saturday**
Date : **18/11/2017**

W-2017-3798

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

N.B.

- 1) Q.1 and Q.5 are **COMPULSORY**. Out of the remaining **THREE** questions solve any **TWO** questions.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION – I

- Q.1** Answer any **FIVE** questions: **(10)**
- a) Which are different types of soils?
 - b) What is scope of pharmacognosy?
 - c) What is main principle of Ayurveda?
 - d) Which are different quality control parameters for Bhasma.
 - e) Enlist pharmacognostic parameters for study of crude drug.
 - f) What is main principles of Homoeopathy?
- Q.2** a) What is garbling? Write a note on storage of crude drug. **(07)**
b) Differentiate Primary and Secondary metabolites. **(03)**
- Q.3** a) Explain Pharmacological classification of crude drug. **(05)**
b) Write history of pharmacognosy. **(05)**
- Q.4** Answer any **TWO** of the following: **(10)**
- a) Shikkinic acid pathway
 - b) Gutikas and Tailas
 - c) Sidhha system of medicine

SECTION – II

- Q.5** Answer any **FIVE** questions: **(10)**
- a) Write biological source and main chemical constituent of Wool fat.
 - b) Write methods of preparation of Cod liver oil.
 - c) What are uses of lecithin?
 - d) What is MUFA?
 - e) Which are different uses of Agar?
 - f) Write chemical constituents of Tragacanth.
- Q.6** a) What are lipids? Write classification, biosynthesis, chemical tests for lipids. **(07)**
b) Write pharmacognostic account of Neem oil. **(03)**
- Q.7** a) Define Carbohydrates. Write classification of Carbohydrates. **(05)**
b) Write pharmacognostic account of Saw palmetto. **(05)**
- Q.8** Answer any **TWO** of the following: **(10)**
- a) Chitosan
 - b) Okra mucilage
 - c) Pectin