

T.Y.B.PHARM. SEMESTER-V (2011 Course) : SUMMER - 2019

SUBJECT: PHARMACOGNOSY - I

Day: Thursday
Date: 09/05/2019

S-2019-4448

Time: 10.00 A.M. TO 01.00 P.M.
Max. Marks: 80

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) What is garbling?
 - b) What are advantages of chemical classification?
 - c) Write method of collection of latex/gum.
 - d) Which are different methods of drying of crude drug?
 - e) Name any four drugs obtained from marine origin.
 - f) What is drug adulteration?
 - g) Write mechanism of action of cytokinin.
- Q.2** a) What is physical evaluation of crude drug? [08]
b) Explain in detail storage of crude drug with suitable example. [07]
- Q.3** a) Write in detail introduction and scope of Pharmacognosy. [08]
b) Write in detail pharmacological classification. [07]
- Q.4** Write short notes on **ANY THREE** of the following: [15]
- a) History of pharmacognosy
 - b) Auxin
 - c) Ethylene oxide
 - d) Plant growth retardants

SECTION - II

- Q.5** Solve **ANY FIVE** of the following: [10]
- a) Classify carbohydrates with example.
 - b) What are PUFA and MUFA?
 - c) Write biological sources for Acacia.
 - d) What is Homoeopathic drug potentization?
 - e) Explain concept of 'Saptdhatu'.
 - f) Write principal of aromatherapy.
 - g) Write any four plants used in TCM.
- Q.6** a) Write different methods for elucidation of biosynthetic pathways. [08]
b) Differentiate between primary and secondary metabolites. Write role of primary metabolites in plants. [07]
- Q.7** a) Elaborate the detail account of Unani System of Medicine. [08]
b) Explain acetate pathway with suitable example. [07]
- Q.8** Write short notes on **ANY THREE** of the following: [15]
- a) Sunflower oil
 - b) Cod liver oil
 - c) Honey
 - d) Agar

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