

T.Y.B.PHARM. SEMESTER-V (CBCS - 2015 Course) : SUMMER -

SUBJECT : PHARMACOGNOSY-Ⅱ

Day : Tuesday
Date : 07/05/2019

Time 10.00 A.M. TO 01.00 P.M.
Max. Marks : 60

S-2019-4398

N.B.

- 1) Q.No. 1 and Q.No. 5 are **COMPULSORY**. Out of remaining questions attempt **ANY TWO** questions from **each** section.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answers to both the sections should be written in separate answer books.
- 4) Draw neat and labeled diagram **WHEREVER** necessary.

SECTION-I

- Q.1** Answer **ANY FIVE** of the following. **(10)**
- a) Compare true and pseudo alkaloids.
 - b) Give biological source, chemical constituents and uses of Colchium.
 - c) Give biological source, chemical constituents and uses of Aconite.
 - d) Give biological source, chemical constituents and uses of Tea.
 - e) Give general test for Anthroquine Glycosides.
 - f) Define foaming index.
- Q.2** Define alkaloids and give their classification and isolation. Explain Opium. **(10)**
- Q.3**
- a) Give the pharmacognostic details of Safed Musli. **(05)**
 - b) Give the pharmacognostic details of Cinchona. **(05)**
- Q.4** Answer **ANY TWO** of the following. **(10)**
- a) Belladonna
 - b) Aloe
 - c) Ephedra

SECTION-II

- Q.5** Answer **ANY FIVE** of the following. **(10)**
- a) Differentiate between Pale Catechu and black Catechu.
 - b) Give biological source, chemical constituent and uses of Lemongrass.
 - c) Give biological source, chemical constituent and uses of Arjuna.
 - d) Give biological source, chemical constituent and uses of Jatamansi.
 - e) Define Eculle.
 - f) Compare hydrolysable and condensed Tannins.
- Q.6** Explain Terpenoids. Give their properties, biosynthesis and classification. **(10)**
- Q.7**
- a) Give the pharmacognostic details of Asafoetida. **(05)**
 - b) Write a detailed note on drugs from Marine Source. **(05)**
- Q.8** Answer **ANY TWO** of the following. **(10)**
- a) Ginger
 - b) Clove
 - c) Papain

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