

**M. PHARM. SEM-I (CHOICE BASED CREDIT & GRADE
SYSTEM) : WINTER - 2018
SUBJECT : ADVANCED PHARMACOGNOSY-I**

Day : Monday
Date : 07/01/2019

W-2018-4157

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

N.B.

- 1) There are **FOUR** questions in each section. Attempt any **THREE** questions from each section.
 - 2) Answers to the two sections should be written in **SEPARATE** answer books.
 - 3) Figures to the **RIGHT** indicate full marks.
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SECTION – I

- Q.1** Write an exhaustive note on *Gymnema sylvestre* and *Ocimum sanctum*. (10)
- Q.2** Give the detailed phytochemical and pharmacological profile of *Azadirachta indica* and *Tylophora asthmatica*. (10)
- Q.3** Describe *ex-situ* and *in situ* methods of cultivation. Elaborate the advantages and disadvantages of these techniques with respect to the cultivation on medicinal plants. (10)
- Q.4** Write elaborate note on **ANY TWO** (10)
- a) Plant Breeders Right
 - b) Biodiversity law
 - c) Indian patent law applicable to natural products.

SECTION – II

- Q.5** Write a detailed note on Food guide pyramid. (10)
- Q.6** What are nutraceuticals? Classify them and explain their roles in healthcare. (10)
- Q.7** Write a detailed note on Marine CVS drugs. Explain the Pharmacognosy of any one in detail (10)
- Q.8** Write a short note on **ANY TWO** (10)
- a) Recent trends in Marine drug research
 - b) Antioxidants
 - c) FPO

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