

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

SUBJECT: ADVANCED PHARMACOLOGY-I

Day: Monday
Date: 07/01/2019

W-2018-4155

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

N.B.:

- 1) Answer **ANY THREE** questions from **Section-I** and **ANY THREE** questions from **Section-II**.
- 2) Answers to the two sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.

SECTION - I

- Q.1** Describe the OECD guidelines for performing experiment on animals. [10]
- Q.2** Describe the screening of analgesic, anti-inflammatory drugs in detail. [10]
- Q.3** Explain in detail high throughput screening. [10]
- Q.4** Write short notes on **ANY TWO** of the following: [10]
- a) Microarrays
 - b) Screening of CNS stimulants
 - c) Screening of local anaesthetics

SECTION - II

- Q.5** Explain the screening of bronchodilators. [10]
- Q.6** Describe the screening of antihistamines. [10]
- Q.7** Explain the screening of cholinergics. [10]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Screening of antithyroid drugs.
 - b) Screening of androgenic drugs.
 - c) Animal cell lines and their uses.

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