

**M. PHARM. SEM-I (CHOICE BASED CREDIT &
GRADE SYSTEM) : WINTER - 2017**

SUBJECT: ADVANCED PHARMACOLOGY-I

Day: Monday

Time: 10.00 AM to 01.00 PM

Date: 08/01/2018

W-2017-3858

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** Explain the regulations of laboratory animal care. **[10]**
- Q.2** What is receptor binding assay? Explain the principle and applications of receptor binding assay. **[10]**
- Q.3** Describe the screening of anti-Parkinsonian drugs. **[10]**
- Q.4** Write short notes on **ANY TWO** of the following: **[10]**
- a) Screening of sedative hypnotics
 - b) Alternatives to animal studies
 - c) Screening of nootropic agents

SECTION – II

- Q.5** Explain the screening of anticholinergics. **[10]**
- Q.6** Describe the screening of Skeletal muscle relaxants. **[10]**
- Q.7** Describe the screening of antifertility drugs. **[10]**
- Q.8** Write short notes on **ANY TWO** of the following: **[10]**
- a) Screening of estrogenic drugs.
 - b) Limitation of *in vitro* testing of drugs.
 - c) Screening of laxatives.

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