

WINTER - 2016  
KARNAFULI-I (CBCS) :  
SUBJECT : ADVANCED PHARMACOLOGY-I

Day : Friday  
Date : 06-01-2017

Time : 10:00 AM TO 1:00 P.M.  
Max. Marks : 60.

**N.B.:**

- 1) Attempt any **THREE** questions from each section.
- 2) Both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.

**SECTION-I**

- Q.1** Describe the CPCSEA proforma for performing experiment on animals. (10)
- Q.2** Describe the safety assessment tests and toxicity tests. (10)
- Q.3** Describe the screening of antipsychotic drugs. (10)
- Q.4** Write notes on any **TWO** of the following: (10)
- a) Alternatives to animal experiments
  - b) Screening of cardiac glycosides
  - c) Screening of sedatives, hypnotics

**SECTION-II**

- Q.5** Describe the role of animal cell lines in the *in vitro* testing of drugs. (10)
- Q.6** Describe in detail the screening for antidiabetic drugs. (10)
- Q.7** Describe the preclinical evaluation of anti-fertility drugs. (10)
- Q.8** Write notes on any **TWO** of the following: (10)
- a) Screening of bronchodilators
  - b) Screening of laxatives
  - c) Screening of diuretics.

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