

KARNAFULI-I (CBCS 2012 COURSE): JULY-2014
SUBJECT : ADVANCED PHARMACOLOGY-I

Day : Thursday
Date : 03-07-2014

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

N.B.:

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

SECTION-I

- Q.1 Discuss about the alternatives to animal studies. (10)
- Q.2 Describe the preclinical evaluation of Analgesics. (10)
- Q.3 Describe the preclinical evaluation of Cardiac glycosides. (10)
- Q.4 Write elaborate notes on : (10)
- a) High throughput screening
 - b) Receptor binding assay.

SECTION-II

- Q.5 Describe the preclinical evaluation of Antiulcer agents. (10)
- Q.6 Describe the preclinical evaluation of Antifertility agents. (10)
- Q.7 Describe the preclinical evaluation of Adrenergics. (10)
- Q.8 Write elaborate notes on : (10)
- a) Animal cell lines and their uses
 - b) In-vitro testing of drugs.

* * *