

KARANFULI – II (CBCS) : SUMMER – 2015
SUBJECT: ELECTIVE – III: TOXICOLOGY

Day: **Thursday**
Date: **09-07-2015**

Time: **10:00AM TO 1:00PM.**
Max. Marks: 60

N.B.:

- 1) Answer any **THREE** questions from Section –I and any **THREE** questions from section – II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in separate answer books.

SECTION-I

- Q.1** Discuss in detail toxicological pathology and methodological aspects of (10) cardiovascular system.
- Q.2** Explain molecular mechanisms of cytotoxicity. Add a note on genetic (10) toxicology.
- Q.3** Elaborate in detail toxicological pathology and mechanism of respiratory (10) toxicology.
- Q.4** Write short notes on any **TWO** of the following: (10)
- a) Detoxication and bioactivation
 - b) Intestinal toxicity
 - c) Fate of xenobiotics

SECTION-II

- Q.5** Describe toxicity caused by metals. (10)
- Q.6** Elaborate in detail neurobehavioral toxicology. (10)
- Q.7** What are targets and mechanisms of reproductive toxicants? (10)
- Q.8** Write short notes on any **TWO** of the following: (10)
- a) Ecotoxicity
 - b) Teratogenicity
 - c) Nuclear receptors and toxicity