

M.Sc. DEGREE EXAMINATIONS - MARCH 2016  
IV SEMESTER  
**Zoology**  
PAPER II – TOXICOLOGY AND PHARMACOLOGY

Time: 3 Hours

Max. Marks: 75

(No additional sheet will be supplied)

**PART - A (5 x 3 = 15 marks)**

**Answer any FIVE Questions**

**Each question carries 3 marks**

**Each answer should not exceed 1 page**

1. Bioaccumulation
2. Teratogens
3.  $LC_{50}$
4. Toxic effects of lead
5. Mechanism of drug action
6. Importance of pharmacology
7. Anaesthetics
8. Histamines

**PART - B (4 x 15 = 60)**

**Answer ALL questions**

**Each question carries 15 marks**

**Each answer should not exceed 6 pages**

9. Write about principles of toxicology.  
(Or)
10. Give an account on toxicant distribution and absorption.
11. Explain physiological hazards of radiation.  
(Or)
12. Write about metal toxic effects of cadmium and mercury.
13. Write about dosage forms and routes of drug administration.  
(Or)
14. How cell respond to drug?
15. How central nervous system responds to alcohols and opium.  
(Or)
16. Write about analgesics and antipyretics?

