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Sl. No.

M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024

ZOOLOGY

DSC - 12 : Toxicology

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question **No.1 Compulsory**, each question carries **equal** marks.

1. Describe in detail the factors affecting toxicity. And add a note on toxicogenomics. **14**
2. Describe the acute and chronic effects of organophosphates, organo-chlorines and carbamate insecticides. **14**
3. Give a detailed account on cosmetic toxicology with a note on respiratory disorders. **14**
4. Write short notes on the following :
 - (a) Pesticides **5**
 - (b) Radioactive substances **5**
 - (c) Pneumoconiosis **4**
5. Explain the susceptibility of the kidney to toxicants with a note on chemical induced renal injury. **14**
6. Write short notes on the following :
 - (a) Toxicity of metals. **7**
 - (b) Applications of Forensic toxicology. **7**
7. Give a detailed note on the effects of bioconcentration and biomagnifications. **14**
8. Write short notes on the following :
 - (a) Natural toxins **5**
 - (b) Susceptibility of wildlife to chemicals **5**
 - (c) Systematic lung toxins **4**

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