



# उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल )

M.Sc. II<sup>nd</sup> YEAR ASSIGNMENT

Last date of Submission: 15/05/2014

(जमा करने की अन्तिम तिथि. 15/05/2014.)

Course Title: TOXICOLOGY

Year: 2013-14

सत्र- 2013.14

Course Code: ZO-553

Maximum Marks: 40

अधिकतमअंक- 40

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

Briefly discuss the following:

- 1- Discuss the mode of action of Neonicotinoids insecticides?
- 2- Inorganic Insecticides?
- 3- Explain the bioaccumulation and biomagnifications?
- 4- Organophosphate pesticides?
- 5- DDT and Pyrethroids?
- 6- Give the biological Activity and composition of Neem?
- 7- Explain the development of carbamate Insecticides?
- 8- Microbial Degradation?

**Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.**

- 1- Give the detail explanation of penetration and distribution of Insecticides?
- 2- Elaborate the structure, effect, physical and chemical properties of Necotinoids?
- 3- Describe the symptom of poisoning and mode of action of organophosphorus Insecticides?
- 4- Explain the major component of Insect mono-oxygenase system?

