

C283

Total Pages : 3

Roll No.

ZO-553

Toxicology

M.Sc. Zoology (MSCZO)

2nd Year Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Explain the effect of physical and chemical agents on insect cuticle.

2. Describe the effects of Insecticides on the Nervous system.
3. What are Insecticides? Describe their classification and functions.
4. Describe the pesticide/ residues and their effect on human beings and environment.
5. What are the various acute tests for assessing toxicity of Poisons? Give details of each test.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Explain the detailed structure and uses of DDT.
2. How does the insect develop resistance against insecticides?
3. Explain the structure and functions of organo phosphorous insecticides.
4. Write a note on carbamate.

5. Explain the mode of action of Nicotinoids.
 6. Write a note on photodegradation of insecticides.
 7. Differentiate between Insect attractants and repellents.
 8. Write a note on synthetic pyrethroids.
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