MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE SEMESTER END EXAMINATION

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	1.1 2.2 2.3 2.4 2.5 2.6	Date : Tuesday, 02.05.2017 Time : 14.00 to 17.00 Total Marks Note : 1. Solve ANY EIGHT questions from SECTION "A". 2. All questions from SECTION "B" are compulsory. 3. All questions carry equal marks. 4. Draw neat diagrams wherever necessary. SECTION "A" Define the term 'Insecticide'. Give the classification of insecticides on the basis chemical composition with one example each. Write the procedure for mass production of <i>Trichogramma</i> in the laboratory. Enlist different methods of pest control. Explain the cultural method of pest control with suitable examples. Define the term 'Biological control'. Explain the techniques of biological control. Define 'IPM'. Write in brief about concepts of 'IPM'. a) Explain the rearing of mulberry silkworm. b) State the characteristics of ideal parasitoid.
).2).3).4).5).6	Define the term 'Insecticide'. Give the classification of insecticides on the basis chemical composition with one example each. Write the procedure for mass production of <i>Trichogramma</i> in the laboratory. Enlist different methods of pest control. Explain the cultural method of pest control with suitable examples. Define the term 'Biological control'. Explain the techniques of biological control. Define 'IPM'. Write in brief about concepts of 'IPM'. a) Explain the rearing of mulberry silkworm.
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		Define 'Insect Ecology'. Explain the effect of temperature and humidity on insec with suitable examples.
0		a) Describe the types of pheromone.b) Enlist the causes of pest outbreak.
×	.9	What is insecticidal formulation? Why the formulations are necessary? Enlight different types of formulation with one example each
Q	.10	Write short notes (Any Two).
		1) Mechanism of Host Plant Resistance.
		2) Management of rodents in field.
		3) Role of IGRs in pest management.
~		SECTION "B"
Q		Define the following terms.
		1) Biotic potential 2) Legislative control 2) A rife law 4) LQ
		3) Antifeedant 4) LC ₅₀
		5) ETL 6) Regular pest
		7) Hyperparasite 8) Insect Resurgence (P.T.O

B.Sc. (Agri.)

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Q.12 Match the following pairs.

"A"

- 1) Lac insect
- 2) BHC
- 3) Silent spring
- 4) Tasar silkworm
- 5) Genetic control
- 6) Kopidosoma koehleri
- 7) Synergist
- 8) Dust carriers

"B"

- a) Michael Faraday
- b) Kerria lacca (Kerr.)
- c) Potato tuber moth
- d) Rachel Carlson
- e) E.F.Knipling
- f) Attapulgite
- g) Piperonil butoxide
- h) Antheraea mylitta

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