MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE SEMESTER END EXAMINATION

	B.Sc. (Agri.)								
Se	Semester		IV (New)	Term.				2015-16	
	Course No.		: ENTO 242	Title			ntegrated Pest		
	redits		: 3 (2+1)			0	d Beneficial Ins		
Da	ay & D)ate	: Wednesday, 27.04.2016	Time	: 14.0	00 to 17.00	Total Marl	3 : 80	
	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"								
Q.		What is pest and enlist their categories. Explain in brief the causes of pest outbreak in agro ecosystem.							
Q.		What is pest survey and surveillance in agricultural crops? Describe in brief sampling methods of insect.							
Q.		Enlist biotic and abiotic components of environment and explain in brief the influence of temperature on insects.							
Q.	.4 E	Enlist the components of IPM and explain in brief mechanical methods of pest control							
Q.	Q.5 What is pesticide? Give the classification of pesticides on the basis of organism and mode of entry with one example.								
Q.	.6 I	Define pesticide formulation and describe in brief types of pesticide formulation.							
Q.	.7 I	Describe mass production technique of Trichogramma spp. and HaNPV.							
Q.		8 Enlist the recent methods of pest control and explain in brief antifeedant method of pest control.							
Q.	.9 \	Write	short notes on (Any two).						
		1)	Advantages and disadvantage	s of HPR	2)	Caste of he	oney bee		
		3)	Insecticide act.		4)	Microbial	control		
Q.	.10 a	a) Wh	at is biological control? Descr	ribe in bri	ief tech	niques of bio	logical control		
	b) Enlist the characters of effective natural enemy.								
		. 🕐	SI	ECTION	"В"				
Q.	.11 1	Defin	e the following terms.						
		1)	Pest resurgence		2)	Pheromone	s		
		3)	Economic injury level		4)	Parasitoid			
		5)	LC 50		6)	Insect ecolo	ogy		
		7)	Physical incompatibility		8)	Sericulture			
Q.	.12	Do a	s directed.						
	1) What is repellent?								
	2) Who discovered the insecticidal property of DDT?								
	3) What is transgenic plant?								
	4) Give scientific name of Indian bee and rock bee.								
		5) Give any two host plant of lac insects.							
	6) Write full form of CIB and NCIPM.								
	7) State any one example of sprayers and duster.								
	8) State any two antidotes used for poisoning due to stomach poison.								
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Telegram - AgroMind