PRN:		Course Code :	CHS 314R1

Third Year B.Sc. End Semester Examination Summer 2023

Pesticide Chemistry

Day and Date: Tuesday, 20/06/2023 Max Marks: 50

Time : 10.30 am to 12.30 pm Duration: 02 hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1	**Attempt the following.**				
	a)	Explain with proper examples the Indian pesticide market.	06	L3	CO1
	b)	Give the classification of the pesticides with examples and structures.	06	L2	CO1
		or			
	c)	Explain international pesticide market.	06	L3	CO1
Q.2	**Attempt the following.**				
	a)	Compare the uses and hazardous effects of DDT, BHC and pyrethroids.	06	L3	CO1
	b)	List all top international companies in pesticide manufacturing and specify their products with annual production.	06	L3	CO1
		or			
	c)	Compare natural and synthetic insecticides with proper example.	06	L2	CO1
Q.3	**Attempt the following.**				
	a)	Discuss the synthetic mechanism of the DDT and its uses.	06	L3	CO2
	b)	Give the detail mechanism of Alachlor.	07	L3	CO2
		or			
	c)	Discuss the properties, structure and synthesis of Carbafuran and Chloranil.	07	L3	CO2
Q.4	**Attempt the following.**				
	a)	Discuss synthesis of Butachlor in detail.	06	L3	CO2
	b)	Explain the synthesis of Carbaryl.	07	L2	CO2
		or			
	c)	Give the structures of organochlorines, Organophosphates, carbamates, quinones and anilides.	07	L2	CO2

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