

Model Question Paper (2022 Scheme)

6th Semester B.E. Degree Examination

BASIC CONCEPTS AND APPLICATIONS OF AGROCHEMICALS

TIME: 03 Hours

Max. Marks: 100

Note: Answer any **FIVE** full questions choosing at least **ONE** question from each **MODULE**.

Q. No.		Questions	*Bloom's Taxonomy Level	CO	Marks
Module-1					
Q.1	a	What is the role of agrochemicals in agriculture?	L3	1	10
	b	What are the merits and demerits of use of agrochemicals in agriculture?	L1	1	10
OR					
Q.2	a	Define agrochemicals and what are the types of agrochemicals used in agriculture?	L2	1	10
	b	What is the effect of agrochemicals on environment and soil health?	L2	1	10
Module-2					
Q. 3	a	Write any 5 detailed classification of herbicides?	L3	2	10
	b	Explain the various classes of herbicides?	L2	2	10
OR					
Q.4	a	What are the properties of herbicides?	L3	2	10
	b	Write a note on movement of herbicides and degradation of herbicides?	L4	2	10
Module-3					
Q. 5	a	Write a brief note on characteristics preparation and uses of Zink	L2	3	10
	b	How Bordeaux mixture is prepared? What is its mode of action and uses? Explain briefly.	L3	3	10
OR					
Q. 6	a	What are the characteristics, uses and limitations of Carboxin and Oxycarboxin?	L3	3	10
	b	Explain in brief about the insecticides act and insecticide rule?	L3	3	10
Module-4					
Q.7	a	Explain the procedure for manufacture of urea?	L4	4	10
	b	Write a note on slow release nitrogenous fertilizers?	L2	4	10
OR					
Q.8	a	How bone meal is produced? Explain briefly?	L3	4	10

	b	Write a note on nano urea?	L3	4	10
Module-5					
Q.9	a	What are the sources of complex fertilizers?	L2	5	10
	b	Write the detailed procedure for manufacturing Ammonium phosphates?	L3	5	10
OR					
Q.10	a	Write in brief about the manufacturing procedure for nitro phosphates?	L3	5	10
	b	Explain fertilizers control order in brief?	L3	5	10