



CRAWFORD UNIVERSITY
COLLEGE OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF INDUSTRIAL CHEMISTRY
RAIN SEMESTER EXAMINATION 2012/2013

COURSE CODE: ICH 436
COURSE TITLE: FERTILIZERS AND AGROCHEMICALS
TIME ALLOWED: 2 HOURS
DATE: JUNE 2013
INSTRUCTION: ANSWER ANY THREE (3) QUESTIONS

UNIT 2

1. Write short notes on the following:
 - (a) Pesticide residues in food.
 - (b) Pesticide residues in water.
 - (c) Pesticides and the environment.
2. Give an account of good agricultural practice in the use of pesticides under the following headings:
 - (a) Balance of cost, effectiveness and minimum risk.
 - (b) General precaution
 - (c) Pesticide first aid.
3. Describe the term "Fungicides" OR "Fertilizers".
4.
 - (a) What are herbicides and how are they classified?
 - (b) Give an account of any five (5) of the following group of herbicides:
 - (i) Amides
 - (ii) Benzoic acids
 - (iii) Nitrites carbamates
 - (iv) Nitroanilines
 - (v) Organophosphorus
 - (vi) Ureas
 - (vii) Phenoxo acids.
5.
 - (a) What are pesticides and how are they classified?
 - (b) What are the factors that influence pesticide risk in the environment?
 - (c) How do organochloro pesticides get into surface and ground water?
 - (d) Explain the two methods of pesticide degradation.

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