



Exam time : 2 hours
Date : June 2015
60 Marks
Third level of plant
protection program
(Credit hours)

Pesticides Department
Final exam of
Chemistry of pesticides
analysis
Second semester



Answer the following questions:

First Questions

Define the following terms

(16marks)

1. MRL – ADI
2. Primary sample-Bulk sample
3. $R_v - R_t$.
4. Codex committee of pesticides.

Second Questions

(16 marks)

1. Summarize the criteria for methods of pesticides analysis.
2. What are the considerations should be available in extraction methods.
3. Describe how to take samples of (water- soil).
4. Illustrate the role of freezing & crystallization and oxidation in clean up step

Third Questions

Complete the following sentences:

(16 marks)

- a) Air sampling is done by using cloth screen which consider and which consideredmethod.
- b) The chemical method used in the separation of interfered compounds are and
- c) Red-distillation of solvent must before using for extraction because
- d) P-value is

Fourth Questions

(12 marks)

- what are the advantages of GC (6 marks)
- Draw and illustrate the theoretical basis of GC. (6 marks)

With best wishes.

Examiners.

[Handwritten signatures of examiners]