

AS/2051

PAPER X: AGROCHEMICALS

5899/MH

**Time Allowed: Three Hours**

**Maximum Marks: 36**

**Note: Attempt *two* questions from each Section A and B and entire Section C**

**Section -A**

**2x 5 =10**

- I. Give elementary idea about fungicides. Name four fungicides.
- II. What are Rodenticides? Discuss their importance in agriculture?
- III. Discuss the factors influencing the effectiveness of insecticides.
- IV. Give in brief the various classes of insecticides.

**Section-B**

**2x 5 =10**

- V. Explain the factors that influence the retention of foliar-applied herbicides on plants.
- VI. Discuss in detail the mode of action of herbicides
- VII. Give in detail the environmental effects of the use of agrochemicals.
- VIII. Discuss the role of soil factors on the efficacy of herbicides.

**Section -C**

**8x 2 =16**

**IX. Write short notes on:**

- i. Systemic herbicides
- ii. Mode of action of organochlorines
- iii. Contact herbicides
- iv. Degradation of herbicides
- v. Molluscicides
- vi. Lethal dose
- vii. Nematicides
- viii. Economic threshold level