



III

Write short Essays (ANY SIX)

6 X 5 = 30

- 1 Points to be noted for preparing fertilizer mixture
- 2 Ammonia Volatilization
- 3 Biuret injury
- 4 Reaction of SSP in acid and alkali soils
- 5 Define LD 50 value of pesticides with examples
- 6 Organo chlorinated hydrocarbons
- 7 Characteristic and mode of action of Carbaryl
- 8 Insecticidal action of nicotine

IV

Write Essay. on ANY ONE

1 X 10 = 10

- 1 How to compute liming requirement? Name four commonly used liming materials and bring out their neutralizing properties
- 2 What are organophosphate compounds? Explain the characteristics, mode of action and residue management of four OP compounds