

[illegible]

- Poultry manure.
- Rock phosphate.
- Ammonium poly phosphate.
- Non-edible cake.
- Sewage sludge.
- Night soil.
- Consortium.
- Azolla.
- Nano fertilizer.
- Balanced fertilization.

### SECTION-B

- Q2. Write down the procedure for preparation of farm yard manure.
- Q3. Define vermin-composting. How vermin-compost is prepared? Write down advantages and disadvantages of vermi-compost crops.
- Q4. What is synthetic fertilizer? How can they be harmful to human beings?
- Q5. Define amide fertilizers. Write down the commercially available amide fertilizers alongwith their formulas and composition.
- Q6. Write down the harmful effects and safety measures to be followed by the farmers while fertilizer handling.

### SECTION-C

- Q7. a) How is Single Super Phosphate manufactured in India?  
b) How is Calcium Ammonium Nitrate manufactured?
- Q8. Write down the classification and general characteristics of phosphatic fertilizers.
- Q9. a) Discuss different methods of liquid fertilizer application to the soil.  
b) Discuss fate and reactions of nitrogenous fertilizers in soil.