

Question Bank (I scheme)

Name of Course:Fertilizer Technology (FTE)

Subject Code:22615

Semester:V

Unit Test I

Programme:CH

Unit 1

Two marks questions –

1. Define fertilizer.
2. List important nutrients available in fertilizers.
3. Give types of fertilizers.
4. Write methods of application of fertilizers.
5. List the names of fertilizer industries in India.
6. State applications of fertilizer nutrients.

Four marks questions –

7. Explain the importance of fertilisers in plant growth.
8. Explain primary nutrients in plants.
9. Explain secondary nutrients in plants.
10. Explain raw materials and feedstock of nitrogenous fertilizers.
11. Explain raw materials and feedstock of phosphatic fertilizers.
12. Explain raw materials and feedstock of potassic fertilizers.

Unit 2

Two marks questions –

13. Write physical and chemical properties of ammonia.
14. List applications of ammonium chloride fertilizer.
15. List applications of calcium ammonium nitrate fertilizer.
16. Write the raw materials required for ammonium chloride fertilizer.
17. Write the raw materials required for calcium ammonium nitrate fertilizer.
18. Give storage and handling methods of ammonia.
19. Give storage and handling methods of ammonium chloride.
20. Give storage and handling methods of calcium ammonium nitrate.

Four marks questions –

21. Explain construction and working of ammonia converter.
22. Describe manufacturing of ammonium chloride with flow diagram.
23. Describe manufacturing of calcium ammonium nitrate with flow diagram.

Unit 3

Two marks questions –

24. What are the raw materials of single super phosphate?
25. Give applications of single super phosphate.
26. What are the raw materials of triple super phosphate?
27. Give applications of triple super phosphate.
28. What are the raw materials of di-ammonium phosphate?
29. Give applications of di-ammonium phosphate

Four marks questions –

30. Explain manufacturing of single super phosphate.
31. Explain manufacturing of triple super phosphate.
32. Explain manufacturing of di-ammonium phosphate.