

Chemical Engineering Fertilizer Technology Objective Questions

- Raw materials for nitric acid manufacture are
 - hydrogen peroxide, air and water
 - anhydrous ammonia and air
 - anhydrous ammonia, air and water
 - wet ammonia, air and waterAns: C
- Heating of coke, sand and phosphate rock in an electric furnace is done for the manufacture of
 - phosphoric acid
 - super phosphate
 - phosphorous
 - triple superphosphateAns: C
- A mixture of phosphate rock ____ is heated in an electric furnace to produce phosphorous.
 - Salt and coke
 - Sand and coke
 - And coke
 - And sandAns: b
- Sodium tri poly phosphate (STPP) is manufactured by reaction of phosphoric acid with sodium
 - Carbonate
 - Phosphate
 - Bicarbonate
 - SilicateAns: A
- Which of the following fertilizers is used as a cattle feed?
 - urea
 - calcium ammonium nitrate
 - superphosphate
 - ammonium sulphateAns: A
- ____ is the most suitable fertilizer for paddy.
 - Urea
 - Ammonium sulphate
 - Superphosphate
 - Potassium nitrateAns: B
- Which of the following fertilizers contains the least percentage of nitrogen?
 - Liquid ammonia

- b. Urea
- c. Ammonium phosphate
- d. Ammonium sulphate

Ans: C

8. Catalytic ammonia synthesis reaction as in Haber's process is
- a. endothermic
 - b. exothermic
 - c. irreversible
 - d. none of these

Ans: B

9. Out of the following, N_2 content is minimum in
- a. Urea
 - b. Ammonium nitrate
 - c. Ammonium sulphate
 - d. Ammonium chloride

Ans: A

10. Which is the most suitable fertilizer for paddy?

- a. CAN
- b. Ammonium sulphate
- c. Ammonium nitrate
- d. Superphosphate

Ans: B

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