

Chemical Engineering Fertilizer Technology Quiz Questions

- Out of the following, N₂ content is minimum in
 - Urea
 - Ammonium nitrate
 - Ammonium sulphate
 - Ammonium chloride

Ans: A
- Which is the most suitable fertilizer for paddy?
 - CAN
 - Ammonium sulphate
 - Ammonium nitrate
 - Superphosphate

Ans: B
- Triple superphosphate is made by reacting phosphate rock with _____ acid.
 - Phosphoric
 - Nitric
 - Sulphuric
 - Hydrochloric

Ans: A
- Catalyst used in the oxidation of ammonia is
 - Platinum - beryllium
 - Platinum - rhodium
 - Cobalt - molybdenum
 - Platinum - molybdenum

Ans: B
- NPK means a _____ fertilizer.
 - mixed
 - potassic
 - liquid
 - solid

Ans: A
- Temperature and pressure in ammonia converter is
 - 200 atm, 1000°C
 - 450 atm, 200°C
 - 450 atm, 550°C
 - 450 atm, 1000°C

Ans: C
- Dehydration of ammonium carbamate to yield urea is a/an _____ reaction.
 - Exothermic
 - Endothermic
 - Autocatalytic
 - Catalytic

Ans: B

8. Electric process as compared to wet process (for the manufacture of phosphoric acid)
- Can use only high grade phosphate rock
 - Is used less frequently
 - Produce a valuable by product called gypsum
 - Is weak acid process

Ans: B

9. Urea is a better fertilizer than ammonium sulphate because
- it is cheaper
 - nitrogen content is higher
 - it is not poisonous
 - it is easy to manufacture

Ans: B

10. Action of phosphoric acid on rock phosphate produces
- Superphosphate
 - Triple superphosphate
 - Nitrophosphate
 - Diammonium phosphate

Ans: B

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