

Questions

Week I

16 - 20 March 2020

Biocatalysis

- ① How are biocatalysts better than chemical catalysts?
- ② Amylase has large number of applications in different industries. Comment
- ③ How can plastics be recycled using biocatalysis?

Biocatalysis and Green Chemistry

- ① Biocatalysis conforms with 10 principles of green chemistry, How?
- ② Different industries like pharmaceuticals, paper, food etc have been highly benefitted by biocatalytic procedures. comment.

Biocatalysis In Chemical Industries

- ① With a suitable eg. discuss the role of biocatalysis in a chemical industry.
- ② What are the limitations of biocatalysis? Can these limitations be overcome?

Metallurgy of Semi-Conducting Metals

- ① Discuss Van Arkel filament growth method applied for the purification of Zirconium metal.
- ② Discuss any other process applied for metallurgy of semiconducting metals.

B.Sc Chem (H) Sem VI

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