

M.Sc. (Industrial Chemistry) Examination April - 2017
Semester-II
Paper - IC - 7: Chemical Kinetics & Material Science
Paper Code: 2923

Time: 2.30 Hours

Maximum Marks: 70

- Que.-1 Write brief note on catalyst and its characteristics. [14]
OR
Que.-1 Give brief account on catalytic poisons and inhibitors. [14]
- Que.-2 With a flow sheet diagram explain manufacture, properties and industrial application of following (Any one). [14]
1. Carbon black
2. Graphite
- Que.-3 Give industrial manufacture, chemical equation and industrial application of following (Any one). [14]
1. Na_2CO_3
2. NaCl
- Que.-4 Differentiate physical and chemical properties of Glass. Give industrial production of glass. [14]
OR
Que.-4 What is cement? Classify portland cement. Give industrial production of portland cement. [14]
- Que.-5 State and explain mechanical, physical and dimensional properties and industrial application of following (Any two). [14]
1. Brass
2. Bronze
3. German silver