

B.Sc. Sem. – II
Industrial Chemistry, Paper- ICHCC-201, Subject Code: 20615
Subject Title – Industrial aspects of chemistry

Time:2.30Hours

Maximum Marks: 70

- Que.1 (A) What are colloids? Explain it in detail. [10]
(B) Write about lyophilic sols. [04]
OR
- Que.1 (A) Discuss dispersion methods for preparation of sols. [10]
(B) Write about emulsion. [04]
- Que.2 Write a note on electrolysis and froth floatation process. [14]
OR
- Que.2 Write a note on crushing and calcination in detail. [14]
- Que.3 (A) Explain physico chemical principal of extraction and chemical properties of Cr. [10]
(B) State and explain industrial application of Cr. [04]
OR
- Que.3 (A) Explain physico chemical principal of extraction and chemical properties of Cu. [10]
(B) State and explain industrial application of Cu. [04]
- Que.4 (A) Discuss characteristics of good fuel in detail. [10]
(B) Write about coal gas. [04]
OR
- Que.4 (A) What are petrochemicals? Explain it in detail. [10]
(B) Write about bio gas. [04]
- Que.5 Write a note on physical methods for sterilization and treatment of water for municipal purpose. [14]
OR
- Que.5 Write a note on lime soda process for softening of water and waste water treatment. [14]