

B.Sc. Sem. – II (Industrial Chemistry) Examination
OCT -- 2017
Paper – ICHCC – 201: Industrial aspects of chemistry
Paper Code: 20615

Time: 2.30 Hours

Maximum Marks: 70

- Que.1 (A) Give detail accounts on micelles and emulsions. [10]
(B) Describe the types of sols. [04]
OR
- Que.1 (A) Describe Bredig's Arc method in detail. [10]
(B) What are gels? Explain it with example. [04]
- Que.2 (A) Give brief account on froth flotation process. [10]
(B) What are minerals? Explain it with example. [04]
OR
- Que.2 (A) Write a short note on calcination for ore dressing. [10]
(B) What do you mean by gangue? Explain it. [04]
- Que.3 (A) Explain physico chemical principal of extraction of copper in detail. [10]
(B) State and explain properties of copper. [04]
OR
- Que.3 (A) Discuss the method of extraction of zinc in detail. [10]
(B) State and explain properties of zinc. [04]
- Que.4 (A) Describe bio-gas plant in detail. [10]
(B) Differentiate vegetable oil and animal oil. [04]
OR
- Que.4 (A) With neat sketch describe the fractional distillation of petroleum in detail. [10]
(B) Give the application of all component derived from petroleum. [04]
- Que.5 (A) Describe treatment of water for municipal purpose. [10]
(B) Write about merits of zeolite process. [04]
OR
- Que.5 (A) Give detail account on permanent hardness. [10]
(B) Write about demerits of zeolite process. [04]