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Roll No

CY-112-CBCS
B.E. I & II Semester
Examination, June 2020
Choice Based Credit System (CBCS)
Chemistry - II
Time : Three Hours

Maximum Marks : 60

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. Define Colloids. Discuss Electrical, Mechanical and Optical properties of colloids.
2. Classify various types of organic reactions giving examples. Discuss Addition reactions in detail giving appropriate examples.
3. Classify various types of organic reactions giving examples. Discuss Addition reactions in detail giving appropriate examples.
4. What is homolytic and heterolytic cleavage? Discuss electrophilic substitution reactions of Benzene.
5. Discuss the general principles involved in ore concentration. Describe the electro refining of copper.

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6. a) Explain organic coatings in brief.
- b) Write note on Introductory idea about metallic coating.

OR

Write short note on

- a) Enamels and Lacquers
 - b) Addition reactions
-
7. Define non-metallic coating.

OR

Discuss substitution reactions in Organic compounds giving suitable examples.

8. Write short notes on any two of the following:
 - a) Salt Hydrolysis
 - b) Elimination Reactions
 - c) Octane number

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