SESSIONAL EXAM – June 2023 B.Tech. ECE SEMESTER II

SUBJECT NAME & CODE: CHEMISTRY (BSC-102)

Time Duration: 1.5 hours

Max. Marks: 15

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All questions are compulsory.

- Q1. What are the uses and synthesis of aspirin?
- Q2. Explain the types, mechanism and factors affecting Nucleophilic substitution reactions?
- Q3. Explain the symmetry operations existing in square planar [PtCl₄]²⁻.
- Q4. What are fac- and mer-isomers in transition metal compounds? Explain with examples.
- Q5. What are the absolute configurations of following molecules: