

SESSIONAL EXAM – June 2023
B.Tech. ECE SEMESTER II
SUBJECT NAME & CODE: CHEMISTRY (BSC-102)

Time Duration: 1.5 hours

Max. Marks: 15

All questions are compulsory.

- Q1. What are the uses and synthesis of aspirin? 4
- Q2. Explain the types, mechanism and factors affecting Nucleophilic substitution reactions? 4
- Q3. Explain the symmetry operations existing in square planar $[\text{PtCl}_4]^{2-}$. 2
- Q4. What are fac- and mer-isomers in transition metal compounds? Explain with examples. 2
- Q5. What are the absolute configurations of following molecules:

