



SATYUG DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY, FARIDABAD

Department of Applied Science & Humanities

Subject Name & Code: Chemistry BSC 102  
Maximum Marks: 20

Session: 2023-24  
Submission Date: 20<sup>th</sup> Feb 2024

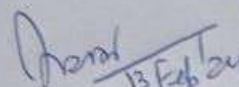
Assignment No- 1

COURSE OUTCOMES

CO 4	Rationalise periodic properties such as ionization potential, electronegativity, oxidation states and electronegativity.
CO 5	Aware of major chemical reactions that are used in the synthesis of molecules.

ATTEMPT ALL QUESTIONS

- Q. No 1. Explain in brief the term polarizability. How is it different from polarizing power? Describe Fajan's rule for ionic and covalent character. CO4
- Q. No 2. What is electronegativity? Write the various factors affecting the electronegativity. CO4
- Q. No 3. Write the difference between SN<sub>1</sub> and SN<sub>2</sub> reactions. CO5
- Q. No 4. Give synthesis reaction of each antipyretic and analgesic drug with example. CO5

  
13 Feb 24  
Dr. Mayank Verma