



Department of Chemistry
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B.Sc. Semester – I

(Session: 2023-2027)

Mid-Term Examination

Chemistry (MJC) Assignment- 2023

Answer All Questions

1. Explain Valence shell electron pair repulsion (VSEPR) theory with examples. How it effects the shape of the molecules? **2×5=10**
2. Explain important conformational isomers of butane and cyclohexane. How we convert Newmann projection formula into Sawhorse Projection formula of the molecule having two chiral centres with examples?

B.Sc. Semester – I

(Session: 2023-2027)

Mid-Term Examination

Chemistry (MIC) Assignment- 2023

Answer All Questions

1. What is resonance? What is the condition of resonance in a molecule? How to draw resonating structures of a molecule with examples? **2×5=10**
2. Explain electronic configuration of an element with examples. Describe Aufbau's Principle, Hund's rule of maximum multiplicity, Pauli's exclusion principle with examples.

B.Sc. Semester – I

(Session: 2023-2027)

Mid-Term Examination

Chemistry (MDC) Assignment- 2023

Answer All Questions

1. What is resonance? What is the condition of resonance in a molecule? How to draw resonating structures of a molecule with examples? **2×5=10**
2. Explain electronic configuration of an element with examples. Describe Aufbau's Principle, Hund's rule of maximum multiplicity and Pauli exclusion principle with examples.

For Somesh

Head

Department of Chemistry