

ST. JOSEPH'S INDIAN COMPOSITE PU COLLEGE
DEPARTMENT OF CHEMISTRY
MID- TERM EXAMINATION PORTIONS – 2022

II PUC MID-TERM EXAM CHEMISTRY PORTIONS	
TOPIC	NO. OF HOURS
SOLID STATE	8
SOLUTIONS	9
ELECTROCHEMISTRY	9
GENERAL PRINCIPLES & PROCESSES OF ISOLATION OF ELEMENTS	5
d- AND f- BLOCK ELEMENTS	9
HALOALKANES & HALOARENES	7
ALCOHOLS, PHENOLS & ETHERS	8
AMINES <ul style="list-style-type: none"> - Nomenclature of amines - Preparation of amines - Chemical properties – acylation, carbylamine reaction, reaction with Hinsberg's reagent, bromination, nitration & sulphonation. 	5
TOTAL	60

I PUC MID-TERM EXAM CHEMISTRY PORTIONS	
TOPIC	NO. OF HOURS
SOME BASIC CONCEPTS OF CHEMISTRY	9
STRUCTURE OF ATOM	10
THERMODYNAMICS	11
CLASSIFICATION OF ELEMENTS AND PERIODIC PROPERTIES	5
BASIC PRINCIPLES OF ORGANIC CHEMISTRY	12
HYDROCARBONS <ul style="list-style-type: none"> - Alkanes - Alkenes 	5
STATES OF MATTER <ul style="list-style-type: none"> - Intermolecular forces - Thermal energy - Gaseous state - Gas laws - Ideal gas equation & Dalton's law of partial pressures - Kinetic theory of gases 	8
TOTAL	60