

CHEMISTRY — SUBJECTIVE

Class 10th · 1st Annual 2025 — Group: II

Time: 1.45 Hours	SUBJECTIVE	Marks: 48
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SECTION - I

Note: Section I is compulsory. Attempt any TWO (2) questions from Section II.

QUESTION NO. 2 Write short answers to any FIVE (5) questions:

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i	Define chemical equilibrium state and draw graph.
ii	What is a static equilibrium? Explain with an example.
iii	Differentiate between forward and reverse reaction.
iv	Give reaction of Aluminium (Al) with HCl.
v	Define Lewis Acid and Base.
vi	Write down any two methods for prevention of hyperacidity?
vii	What are Aliphatic hydrocarbons? Give two examples.
viii	How can we do reduction of Alkyl Halides? Give its reaction.

QUESTION NO. 3 Write short answers to any FIVE (5) questions:

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i	What is molecular formula? Write down its example.
ii	How was Vital Force Theory negated?
iii	Define aromatic compounds and also give an example.
iv	How vegetable ghee is formed by hydrogenation of vegetable oil? Also write down an equation.
v	How is gelatin obtained?
vi	How does acid rain damage the buildings?
vii	Ozone Layer is beneficial for life on the earth. Describe its reason.
viii	What is meant by secondary pollutants?

QUESTION NO. 4 Write short answers to any FIVE (5) questions:

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i	Which properties make water an excellent solvent?
ii	Sugar is an organic covalent compound. Why is it soluble in water?
iii	Write down the occurrence of water.
iv	What is fluorosis?
v	Define mineral.
vi	What is anode mud?
vii	How is petroleum extracted?
viii	Write down the names of various metallurgical operations.

SECTION - II

Q.5 (a)	Write down uses of five different Bases in daily life.	5
(b)	Explain any four general characteristics of organic compounds.	4
Q.6 (a)	Write down five uses of Acetylene.	5
(b)	Explain any four sources and uses of proteins.	4
Q.7 (a)	What is concentration of ore? Describe two methods for the concentration of ore.	5
(b)	What is stratosphere? Why does temperature increase upward in this sphere? How is ozone formed in It?	4

Notes on this transcription: Objective paper not included: only the subjective half of Group-II was supplied, so this file contains Section-I and Section-II only. Send the objective sheet and it can be added. • This paper has no Urdu column; it is the English-medium version. • Transcribed from an "unsolved" guide reprint rather than the original board sheet, so no paper code is printed on the source. • Typeset by Tayarri from the original board paper; no answer key included.