

DESIGN OF THE QUESTION PAPER

CHEMISTRY- CLASS XII

Time : 3 Hrs.

Max.Marks : 70

The weightage of the distribution of marks over different dimensions of the question paper shall be as follows:

A. Weightage to content/ subject units

<u>Unit</u>	<u>Title</u>	<u>Marks</u>
Unit I	Solid State	4
Unit II	Solutions	5
Unit III	Electrochemistry	5
Unit IV	Chemical Kinetics	5
Unit V	Surface chemistry	4
Unit VI	General principles and processes of Isolation of Elements	3
Unit VII	p-Block Elements	8
Unit VIII	d-and f-Block Elements	5
Unit IX	Coordination Compounds	3
Unit X	Haloalkanes and Haloarenes	4
Unit XI	Alcohols, Phenols and Ethers	4
Unit XII	Aldehydes, Ketones and Carboxylic acids	6
Unit XIII	Organic Compounds containing Nitrogen	4
Unit XIV	Biomolecules	4
Unit XV	Polymers	3
Unit XVI	Chemistry in Everyday life	3
	Total	70

B. Weightage to form of questions

S.No.	Form of Questions	Marks for each Question	No. of Questions	Total Marks
1.	Long Answer Type (LA)	5	3	15
2.	Short Answer (SAI)	3	09	27
3.	Short Answer (SAII)	2	10	20

4.	Very Short Answer (VSA)	1	08	08
	TOTAL	-	30	70

C. Scheme of Options

1. There will be no overall option.
2. Internal choices (either/or type) in five questions has been given in questions testing higher mental abilities in the following types of questions :-
 - i) One in two marks questions.
 - ii) One in three marks questions
 - iii) All the three in five marks questions

D. Guidelines for Units 10-13 of syllabus.

These units include questions on :

- Nomenclature : 2 marks
- Reasoning : 6 marks
- Distinguishing between compounds : 2 marks
- Name reactions : 2 marks
- Reaction Mechanism : 2 marks
- Word problems (conversions) covering Properties and reactions of functional Groups : 5 marks

E. Numericals :

Weightage of 8-10 marks in total has been assigned to numericals.

F. Weightage to difficulty level of questions

S.No.	Estimated difficulty level	Percentage
1.	Easy	15
2.	Average	70
3.	Difficult	15

A question may vary in difficulty level from individual to individual. As such, the approximation in respect of each question will be made by the paper setter on the basis of general expectation from the group as a whole. The provision is only to make the paper balanced in nature rather than to determine the pattern of marking at any stage.