SUBJECT: CHEMISTRY-34 **BLUE PRINT-3** **CLASS: II PUC**

Question Paper Part	Question Type	Number of Questions	Marks
PART - A	MCQ's	15/15	15/15
PART - A	Fill in the blanks	05/05	05/05
PART -B	Short Answer (SA = 02 Marks)	03/05	06/10
PART - C	Short Answer (SA = 03 Marks) Inorganic Chemistry	03/05	09/15
PART - C	Short Answer (SA = 03 Marks) Physical Chemistry	02/04	06/12
PART- D	Long Answer (LA = 05Marks)	04/06	20/30
PART - E	Short Answer (SA = 03Marks) **Numerical problems**	03/06	09/18
	Total	**35/46**	**70/105**

WEIGHTAGE

Objectives	Number of Questions	Marks	Percentage
Remember	**18**	**40**	**≈ 40%**
Understanding	**12**	**32**	**≈ 30%**
Apply	**07**	**13**	**≈ 10%**
Hots	**09**	**20**	**≈ 20%**
Total	**46**	**105**	**100%**

SUBJECT: CHEMISTRY (34) BLUE PRINT-3 CLASS: II PUC

Chapter/ Content domain/ Unit/ Theme	Number of hours	Marks	LOTS (≈ 80%)												HOTS (≈ 20%)			
			Remember (≈ 40%)				Understand (≈ 30%)				Apply (≈ 10%)							
			VSA 1M	SA 2M	SA 3M	LA 5M	VSA 1M	SA 2M	SA 3M	LA 5M	VSA 1M	SA 2M	SA 3M	LA 5M	VSA 1M	SA 2M	SA 3M	LA 5M
Physical Chemistry																		
1. Solutions	14	12	1	1					1				1NP				1NP	
2. Electrochemistry	14	13			1				1		1		1NP				1NP	
3. Chemical Kinetics	14	12	1		1		1						1NP		1		1NP	
Inorganic Chemistry																		
4. The d & f - Block Elements	12	10	1	1	1				1		1							
5. Coordination Compounds	12	11	1		2				1						1			
Organic Chemistry																		
6. Haloalkanes and Haloarenes	10	09	1	1						1	1							
7. Alcohols, Phenols and Ethers	12	10	1				1			1					1	1		
8. Aldehydes, Ketones and Carboxylic Acids	14	12				1	1								1			1
9. Amines	08	07				1	1				1							
10. Biomolecules	10	09	1	1			1			1								
Total Teaching Hours & Marks	120	105	7	8	15	10	5	0	12	15	4	0	9		4	2	9	5
Total Questions		46	7	4	5	2	5	0	4	3	4	0	3	0	4	1	3	1

1. Weightage = Total marks/Number of teaching hours = 105/120 = 0.875 (i.e., 0.875marks for each hour)
2. Choice = out of **46** Questions only **35** Questions are to be answered.
3. Note: NP = Numerical Problems; VSA = Very Short Answer (MCQ's and Fill in the Blanks); SA= Short Answer; LA = Long Answer

GENERAL GUIDE LINES:

1. Questions should not be vague and ambiguous. **Answers or concept should be available in the prescribed NCERT text book** or based on the contents in the prescribed text book.
2. Intermixing of questions of different units is not allowed. 5 marks question may be framed as (3+2) as far as possible.
3. Avoid questions from:

a. Drawings involving 3D diagrams

b. The boxed materials with deep yellow bar in the text book are to bring additional life to the topic and are non-evaluative.

4. Questions on numerical data given in the form of appendix, numbered tables containing experimental data and life history of scientists given in thechapters should be avoided.
5. Frame the questions in such a way to strictly avoid ½ mark evaluation (or avoid value points for ½ marks.).
6. While framing Physical chemistry units (Unit 1, 2 & 3) questions for Part -A, B and C should not be Numerical problems. The Numerical Problems ofthese Units should be framed only in Part-E. This division is done to make for the students to learn and attempt to solve the Numerical Problems.
7. Application and HOTS (Higher Order Thinking Skills) questions can be selected from any chapter without changing the weightage of the chapter.