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FOR KARNATAKA CLASS 11 PREPARATION

Karnataka 1st PUC Blueprint 2027 for Chemistry

EXAM	YEAR	TYPE	SUBJECT
Karnataka Class 11	2027	Blueprint	Chemistry

SUBJECT: CHEMISTRY (34) **2026 – 2027 Question Paper Pattern** **CLASS: I PUC**

Question Paper Part	Question Type	Number of Questions	Marks
PART - A	MCQ	15/15	15/15
	Fill in the blank	05/05	05/05
PART -B	Short Answer (SA = 02 Marks)	05/10	10/20
PART - C	Short Answer (SA = 03 Marks) Inorganic Chemistry	03/05	09/15
	Short Answer (SA = 03 Marks) Physical Chemistry	03/05	09/15
PART- D	Long Answer (LA = 05 Marks)	02/03	10/15
PART - E	Long Answer (LA = 04 Marks) **Numerical problems**	03/05	12/20
TOTAL		**36/48**	**105**

PART-A

I. Select the correct option from the given choices: **15 x 1= 15**

QUESTION NUMBER: 01 TO 15 = 15 QUESTIONS

II. Fill in the blanks: **5 x 1 = 05**

QUESTION NUMBER: 16 TO 20 = 05 QUESTIONS

PART - B

III. Answer any FIVE of the following. Each question carries two marks. **5 x 2 = 10**

QUESTION NUMBER: 21 TO 30 = 30 QUESTIONS

PART - C

IV. Answer any THREE of the following. Each question carries three marks. **3 x 3 = 09**

QUESTION NUMBER: 31 TO 35 = 05 QUESTIONS (INORGANIC CHEMISTRY)

V. Answer any THREE of the following. Each question carries three marks. **3 x 3 = 09**

QUESTION NUMBER: 36 TO 40 = 05 QUESTIONS (PHYSICAL CHEMISTRY)

PART - D

VI. Answer any TWO of the following. Each question carries five marks. **2 x 5 = 10**

QUESTION NUMBER: 41 TO 43 = 03 QUESTIONS (ORGANIC CHEMISTRY)

PART – E (PROBLEMS)

VII. Solve any THREE of the following. Each question carries four marks. **3 x 4 = 12**

QUESTION NUMBER: 44 TO 48 = 05 PROBLEMS (PHYSICAL and ORGANIC CHEMISTRY)

SUBJECT: CHEMISTRY (34) **BLUE PRINT** **CLASS: I PUC**

Unit number	Chapter/ Content domain/ Unit/ Theme	Number of Hours	Marks	VSA (01 Mark)	SA (02 Marks)	SA (03 Marks)	LA (05 Marks)	PROBLEMS (04 Marks)
1	Some Basic Concepts of Chemistry	11	09	2	0	1	0	1 (NP)
2	Structure of Atom	13	12	3	1	1	0	1 (NP)
5	Thermodynamics	15	13	2	2	1	0	1 (NP)
6	Equilibrium	18	16	2	2	2	0	1 (NP)
3	Classification of Elements & Periodicity in Properties	06	05	2	0	1	0	0
4	Chemical Bonding and Molecular Structure	17	15	2	2	3	0	0
7	Redox Reactions	06	05	2	0	1	0	0
8	Organic chemistry - Some Basic Principles and Techniques	18	16	3	2	0	1	1 (NP)
9	Hydrocarbons	16	14	2	1	0	2	0
Total Teaching Hours and Marks		**120**	**105**	**20**	**20**	**30**	**15**	**20**
Total Questions			**48**	**20**	**10**	**10**	**03**	**05**

1. Weightage = Total marks/Number of teaching hours = 15/120 = 0.875 (i.e., 0.875marks for each hour)

2. Choice = out of 48 Questions only 36 Questions are to be answered.

Note: T = Theory; 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 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 needed.