CLASS-XII
CHEMISTRY

Time: 3 Hrs **Theory: 70 Marks**
Practical: 25 Marks
INA : 5 Marks
Total: 100 Marks

STRUCTURE OF QUESTION PAPER (THEORY)

1. There will be one theory paper comprising of 21 questions. All questions are compulsory.
2. Question no. 1 will have 20 sub parts and each part will carry 1 mark. All questions are compulsory. This question will be of multiple choice, numerical, true false and comprehensive.
3. Question no. 2 to 15 will be of two marks each. There will be internal choice in four questions. All questions are compulsory.
4. Question no.16 to 19 will be of three marks each. There will be internal choice in two questions. All questions are compulsory
5. Question no.20 to 21 will be of five marks each. There will be internal choice in them.
6. Distribution of marks over different dimensions of the paper will be as follows.

LEARNING OUTCOMES	PERCENTAGE OF MARKS
KNOWLEDGE	36%
UNDERSTANDING	44%
APPLICATION	20%
Total	100%

7. Use of un-programmable calculator is allowed. The log tables can be used.

8.Total weightage of numericals will be around 20%

UNITWISE DISTRIBUTION OF MARKS

SR.NO	UNIT	TOTAL MARK
1	Solutions	07
2	Electrochemistry	08
3	Chemical kinetics	08
4	d &f-block elements	07
5	Coordination Compounds	07
6	Haloalkanes & Haloarenes	06
7	Alcohols, Phenols & Ethers	06
8	Aldehydes, Ketones & Carboxylic acids	07
9	Organic compounds containing Nitrogen	07
10	Biomolecules	07
	TOTAL QUESTIONS &TOTAL MARKS	**T.Q=21 T.M=70**

Total Question in paper =21

SCHEMATIC DISTRIBUTION OF MARKS

S No	UNIT	1 MARK	2 MARK	3 MARK	5 MARK	TOTAL MARK
1	Solutions	2T+1N (M.C.Q.)	1N (internal choice question) +1T			07
2	Electro chemistry	1T (M.C.Q.)	1N +1T	1N (internal choice question)		8
3	Chemical kinetics	1T (M.C.Q.)	1N (internal choice question) +1T	1N		8
4	d &f block Elements	-	1T		1T (internal choice question)	7
5	Coordination compounds	1T(M.C.Q.) +2 T/F	1T+1T			7
6	Haloalkanes & Haloarenes	1T (M.C.Q.)	-		1T (internal choice question)	6
7	Alcohols Phenols & Ethers	1T T/F	1T(internal choice question	1T (internal choice question)		6
8	Aldehydes Ketones & carboxylic acids	3T (M.C.Q.) +2 T/F	1T (internal choice question)			7
9	Organic compounds containing Nitrogen	-	1T+1T	1T		7
10	Biomolecules	5 (comprehension)	1T			7
		20 sub parts Total marks =20	Total Question =14 Total marks =28	Total question =4 Total Marks =12	T.Q.=2 T,M.=10	

Note: In above SCHEMATIC DISTRIBUTION OF MARKS
T=Theory, N=Numerical, M.C.Q. = Multiple choice questions, T/F= True and False

Total Question in paper =21 questions

INSTRUCTIONS FOR PAPER SETTER

Note:

1. There will be one theory paper comprising of 21 questions. All questions are compulsory.
2. Question no. 1 will have 20 sub parts and each part will carry 1 mark. All questions are compulsory. This question will be of multiple choice, numerical, true false and comprehensive.

3. Question no. 2 to 15 will be of two marks each. There will be internal choice in Four questions. All questions are compulsory.
4. Question no.16 to 19 will be of three marks each. There will be internal choice in two questions. All questions are compulsory.
5. Question no.20 to 21 will be of five marks each. There will be internal choice in them.
6. Questions paper should cover all the syllabus.
7. No question or topic should be repeated in the question paper.
8. Questions in the paper can be asked only from mentioned PSEB syllabus. Questions from any topic which is not mentioned in the syllabus will be considered as out of syllabus question.
9. All sets must be of equal standard and difficulty level questions.
10. At the end of each question, paper setter must write detailed distribution of marks of each sub-question.
11. Vague, many possible answer questions, confusing answer question etc type of question will not be asked in the paper.
12. Language used should be clearly understood & specific.
13. Time and length limit of paper should be kept in mind while setting the paper.