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 17 questions. All questions are compulsory.

2. Question no. 1 will have 28 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 11 will be of two marks each. There will be internal choice in four questions. All questions are compulsory.

4. Question no.12 to 15 will be of three marks each. There will be internal choice in two questions. All questions are compulsory

5. Question no.16 to 17 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 numerical will around 20%

UNITWISE DISTRIBUTION OF MARKS

SR.NO	UNIT	TOTAL MARK
1	Solutions	08
2	Electro-chemistry	06
3	Chemical-kinetics	07
4	Surface chemistry	05
5	p-block elements	08
6	d &f-block elements	10
7	Coordination number	04
8	Haloalkanes & Haloarenes	06
9	Alcohol, Phenols &Ether	05
10	Aldehyde, Ketons & Carbooxalic acids	05
11	Organic compounds containing Nitrogen compounds	03
12	Biomolecules	03
	TOTAL QUESTIONS &TOTAL MARKS	**T.Q=17 T.M=70**

Total Question in paper =17

SCHEMATIC DISTRIBUTION OF MARKS

Sr. No	UNIT	1 MARK	2 MARK	3 MARK	5 MARK	TOTAL MARK
1	Solutions	**1 N**+**3T**(M.C.Q.)	**1N**(internal choice question)+ **1T**	-	-	08
2	Electro-chemistry	**1N** (MCQ)	**1T**	**1N**	-	06
3	Chemical-kinetics	-	**1N** (1 (internal choice question)+ **1 T**	**1 N**(Internal choice question)	-	07
4	Surface chemistry	5 (comprehension)	-	-	-	05
5	p-block elements	**1T**(MCQ)	**2T**(one internal choice question)	**1T**		08
6	d &f-block elements	**1T** (MCQ)	**2T**	-	**1T**(internal choice question)	10
7	Coordination number	**2T**(M.C.Q.)	**1T**(internal choice question)	-	-	04
8	Haloalkanes & Haloarenes	**1T** (T/F)	-	-	**1T** (internal choice question)	06
9	Alcohol, Phenols &Ether	**1 T** (M.C.Q.),+**1 T** (T/F)	-	**1T**(internal choice question)	-	05
10	Aldehyde, Ketons & Carbooxalic acids	**4T**(MCQ)+ **1 T** (T/F)	-	-	-	05
11	Organic compounds containing Nitrogen compounds	**2T** (MCQ) + **1 T** (T/F)	-	-	-	03
12	Biomolecules	**2 T** (MCQ) + **1 T** (T/F)	-	-	-	03
	TOTAL QUESTIONS &TOTAL MARKS	28 sub parts T.M=28	T.Q=10 TM=20	T.Q=4 T.M=12	T.Q=2 T.M=10	T.Q=17 T.M=70

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 =17 questions
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  T=Theory, N=Numerical, M.C.Q. = Multiple choice questions, T/F= True and False
Total Question in paper =17 questions

INSTRUCTIONS FOR PAPER SETTER

Note:

1. There will be one theory paper comprising of 17 questions. All questions are compulsory.

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3. Question no. 2 to 11 will be of two marks each. There will be internal choice in Four questions. All questions are compulsory.

4. Question no.12 to 15 will be of three marks each. There will be internal choice in two questions. All questions are compulsory.

5. Question no.16 to 17 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.