



ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગર

STD.-12 (SCIENCE STREAM) CHEMISTRY (052) ANNUAL EXAM

TIME : 3 Hours

SCHEME OF QUESTION PAPER

Total Marks - 100

NOTE : This blueprint is for the guidance of students, Teachers, Examiners, Moderators etc. The moderators, Teachers and experts in higher secondary of the respective subject may do essential changes keeping the objectives in mind.

Weightage as per objective :

Objectives	Knowledge (K)	Understanding (U)	Application (A)	Higher order thinking skill	Total Marks
Part-A Mark	05	13	17	15	50
Part-B Mark	05	15	15	15	50
Total Mark (%)	10	28	32	30	100

Weightage as per type of question : PART-A

No.	Type of Question	No. of Question	Total Marks
1.	Multiple choice questions	50	50

Weightage as per type of question : PART-B

No.	Type of Question	No. of Question	Total Marks
1.	Short Answer Type (SA-I)	08	16
2.	Short Answer Type (SA-II)	06	18
3.	Long Answer Type (LA)	04	16
	Total	18	50

Weightage as per Chapter :

No.	Name of Chapter	Chapter Weightage	Unit Weightage
1.	The Solid State	7	Unit - 1, 36
2.	Solutions	7	
3.	Electrochemistry	8	
4.	Chemical Kinetics	8	
5.	Surface Chemistry	6	
6.	General Principles and Processes of Isolation of Elements	5	Unit - 2, 26
7.	The p-Block Elements	7	
8.	The d-and f-Block Elements	6	
9.	Coordination Compounds	8	
10.	Haloalkanes and Haloarenes	6	Unit - 3, 38
11.	Alcohols, Phenols and Ethers	6	
12.	Aldehydes, Ketones and Carboxylic Acids	6	
13.	Amines	6	
14.	Biomolecules	6	
15.	Polymers	5	
16.	Chemistry in Everyday Life	3	
	Total Marks	100	100

Note : Chapter weightage may be change for different question paper. But unit weightage can not be change.



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STD.-12 (SCIENCE STREAM) CHEMISTRY (052)
ANNUAL EXAM
SCHEME OF QUESTION PAPER

TIME : 3 Hours

Total Marks - 100

No. Of Question	Information of Section and Question	Marks
1 to 50	PART - A	50
	Multiple choice type 50 questions of 1 mark each	
	PART - B	
	SECTION - A	
1 to 8	8 QUESTIONS OF 2 MARK SHORT QUESTION ANSWER TYPE In this section total 2 internal options will be given (Total 2)	16
9 to 14	SECTION - B	18
	6 QUESTIONS OF 3 MARK SHORT QUESTION ANSWER TYPE In this section total 2 internal options will be given (Total 2)	
15 to 18	SECTION - C	16
	4 QUESTIONS OF 4 MARK LONG QUESTION ANSWER TYPE In this section total 1 internal options will be given (Total 1)	
	Total Mark	100

- Note :**
- Time one hour for Part-A
 - Time two hour for Part-B
 - For first test syllabus will be upto first test only and paper style of it will be as per the paper style of annual exam of 100 marks.
 - In preliminary exam complete syllabus should be covered and its paper style will be as per the paper style of annual exam of 100 marks.



**BLUEPRINT
ANNUAL EXAM**

Subject : Chemistry (052) **Total Marks - 100** **TIME : 3 Hours**

No.	Chapter	PART - A					PART - B										Total									
		MCQ					Knowledge			Understanding			Application			Higher Order Thinking Skill										
		K	U	A	H		SA-I 2 Marks	SA-II 3 Marks	LA 4 Mark	SA-I 2 Marks	SA-II 3 Marks	LA 4 Mark	SA-I 2 Marks	SA-II 3 Marks	LA 4 Mark	SA-I 2 Marks		SA-II 3 Marks	LA 4 Mark	SA-I 2 Marks	SA-II 3 Marks	LA 4 Mark				
1.	The Solid State	-	1(1)	3(3)	-	-	-	-	-	3(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7(5)	
2.	Solutions	-	-	1(1)	2(2)	-	-	-	-	-	-	-	4(1)	-	-	-	-	-	-	-	-	-	-	-	-	7(4)
3.	Electrochemistry	-	1(1)	2(2)	1(1)	-	-	-	-	-	-	-	4(1)*	-	-	-	-	-	-	-	-	-	-	-	-	8(5)
4.	Chemical Kinetics	-	1(1)	2(2)	-	-	-	-	-	3(1)*	-	-	-	-	2(1)	-	-	-	-	-	-	-	-	-	-	8(5)
5.	Surface Chemistry	1(1)	1(1)	-	1(1)	-	-	-	-	-	-	-	3(1)	-	-	-	-	-	-	-	-	-	-	-	-	6(4)
6.	General Principles and Processes of Isolation of Elements	2(2)	-	-	1(1)	-	-	-	-	2(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5(4)
7.	The p-Block Elements	-	1(1)	-	3(3)	-	-	-	3(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7(5)
8.	The d-and f-Block Elements	-	-	1(1)	2(2)	-	-	-	-	-	-	-	3(1)	-	-	-	-	-	-	-	-	-	-	-	-	6(4)
9.	Coordination Compounds	-	1(1)	1(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2(1)	-	-	-	8(4)
10.	Haloalkanes and Haloarenes	-	-	2(2)	2(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2(1)	-	-	-	6(5)
11.	Alcohols, Phenols and Ethers	-	1(1)	1(1)	1(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3(1)*	-	-	6(4)
12.	Aldehydes, Ketones and Carboxylic Acids	-	1(1)	1(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4(1)	-	6(3)
13.	Amines	-	2(2)	1(1)	1(1)	-	-	-	-	2(1)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6(5)
14.	Biomolecules	-	2(2)	1(1)	1(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2(1)	-	-	6(5)
15.	Polymers	1(1)	1(1)	1(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5(4)
16.	Chemistry in Everyday Life	1(1)	-	-	-	-	-	-	-	2(1)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3(2)
	SUB TOTAL	5(5)	13(13)	17(17)	15(15)	2(1)	3(1)	-	6(3)	9(3)	-	15(6)	15(5)	8(2)	4(1)	-	4(1)	-	3(1)*	-	4(1)	-	-	-	-	100(68)
	TOTAL			50(50)		5(2)		15(6)	15(5)	8(3)		7(2)		100(68)												

- Instruction :**
- Number inside the bracket indicates number of question and number outside the bracket indicates marks of the questions.
 - * Sign indicates the option in the given questions.
 - This is the model blueprint on the basis of which model question paper has been prepared.
 - For new question paper their might be different blue print.