



ગુજરાત માધ્યમિક અને ઉચ્ચતર માધ્યમિક શિક્ષણ બોર્ડ, ગાંધીનગર

STANDAR-12 (SCIENCE STREAM) PHYSICS (054)

ANNUAL EXAM

SCHEME OF QUESTION PAPER

TIME : 3 Hours

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	Understanding	Application	Higher order thinking skill		Total
				Synthesis/ Analysis	Inference/ Evaluative	
Part-A Mark	06	15	16	13	--	50
Part-B Mark	06	15	16	08	05	50
Total Mark (%)	12	30	32	21	05	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	
Part - 1				
1.	Electric charges and fields	07	U-1 24	
2.	Electrostatic potential and capacitance	08		
3.	Current Electricity	09		
4.	Moving charges and magnetism	08	U-2 26	
5.	Magnetism and matter	05		
6.	Electromagnetic induction	05		
7.	Alternating current	08		
8.	Electromagnetic waves	05	U-3 25	
PART - 2				
9.	Ray optics and optical instruments	09		
10.	Wave optics	11	U-4 18	
11.	Dual nature of Radiation and matters	06		
12.	Atoms	07	U-5 / 07	
13.	Nuclei	05		
14.	Semiconductor Electronics : Materials, Devices	07		
Total Marks		100	07	

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



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ANNUAL EXAM

SCHEME OF QUESTION PAPER

Que. No.	Question Detail	Marks
	PART - A	
1 to 50	50 Question of one Mark MCQ type	50
	PART - B	
	SECTION - A	
1 to 8	8 Questions of two mark SA-1 type • In this section two internal option.	16
	SECTION - B	
9 to 14	6 Questions of three mark SA-II type In this section two internal option.	18
	SECTION - C	
15 to 18	4 Questions of four mark LA type In this section one internal option.	16
	Total Marks	100

- Note :**
- Time one hour for Part-A
 - Time two hour for Part-B
 - The syllabus of the first term will be taken for first exam. And its blue print of 100 marks as per annual exam blue print.
 - The Preliminary examination will over the entire syllabus and its 100 marks blue print as per annual exam.

