

DESIGN OF THE QUESTION PAPER

PHYSICS- CLASS XII

Time : 3 Hrs.

Max.Marks : 70

The weightage of the distribution of marks over different dimensions of the question paper shall be as follows:

A. Weightage to content/ subject units

<u>Unit</u>	<u>Content</u>	<u>Marks</u>
Unit I	Electrostatics	08
Unit II	Current Electricity	07
Unit III	Magnetic effect of current & Magnetism	08
Unit IV	Electromagnetic Induction and Alternating current	08
Unit V	Electromagnetic Waves	03
Unit VI	Optics	14
Unit VII	Dual Nature of Matter	04
Unit VIII	Atoms and Nuclei	06
Unit IX	Electronic Devices	07
Unit X	Communication Systems	05

Total 70

B. Weightage to form of questions

S.No.	Form of Questions	Marks for each Question	No. of Questions	Total Marks
1.	Long Answer Type (LA)	5	3	15
2.	Short Answer (SAI)	3	09	27
3.	Short Answer (SAII)	2	10	20
4.	Very Short Answer (VSA)	1	08	08
	TOTAL	-	30	70

C. Scheme of Options

1. There will be no overall option.
2. Internal choices (either/or type) on a very selective basis has been given in five questions. This internal choice is given in any one question of 2 marks, any one question of 3 marks and all three questions of 5 marks weightage.

D. A weightage of about 15 marks in total, has been assigned to numericals.

E. Weightage to difficulty level of questions.

<u>S.No.</u>	<u>Estimated difficulty level</u>	<u>Percentage</u>
1.	Easy	15
2.	Average	70
3.	Difficult	15

A question may vary in difficulty level from individual to individual. As such, the approximation in respect of each question will be made by the paper setter on the basis of general expectation from the group as a whole. The provision is only to make the paper balanced in nature rather than to determine the pattern of marking at any stage.