

(For Supplementary / Re-exam 2021-22)  
+2  
(DA Code)

Class: XII  
Physics

For Hearing Impaired Students

Time: 3 hrs

Theory : 70 Marks  
Practical : 25 marks  
IA : 05 Marks  
Total : 100 Marks

**Structure of Question paper (Theory)**

1. There will be one theory paper in which the student has to attempt 29 questions as per the directions given below:
2. Question No. 1 to 20 will be of two marks each. Out of these 5 questions are multiple choice questions, 5 are match the column, 5 are fill in the blanks with given options and 5 are true or false
3. Question no 21 to 26 will be of three marks each. Candidates have to attempt any 6 questions out of 12 questions.
4. Question no 27-29 will be of four marks each. There will be 100% internal choice in each question.
5. Distribution of marks over different dimensions of the paper will be as follows.

Learning outcomes	Marks	Percentage of Marks
Knowledge	47	67%
Understanding	16	23%
Application	07	10%
Total	70	100%

6. There will be approximate credit of 67% to objective type questions carrying 2 marks
  - a. (i) 17% to multiple choice questions (ii) 17% to match the column  
(iii) 17% to fill in the blanks with given options (iv) 16% to true or false type.
  - b. Approximately 23% credit is given to questions of very short answer type. These can be answered in 2 to 3 lines. Each question will be of 3 marks each.
  - c. Approximately 10% credit is given to questions of short answer type. Each question carry 4 marks. These question will be on the basis of pattern given below.
    - i. Similarities and differences
    - ii. Ask to give example
    - iii. Advantages and disadvantages
    - iv. Labelling or Draw the diagram

**7. UNIT WISE DISTRIBUTION OF MARKS**

Unit No.	Title	Marks
UNIT-I	Electrostatics	11
UNIT-II	Current Electricity	11
UNIT-III	Magnetic effects of current and magnetism	07
UNIT-IV	Electromagnetic Induction & current	07
UNIT-V	Electromagnetic waves	07
UNIT-VI	Optics	13
UNIT-VII	Dual nature of matter	06
UNIT-VIII	Atoms and Nuclei	04
UNIT-IX	Electronics devices	04
Total Marks		70

21/6/2022


### SCHEMATIC DISTRIBUTION OF MARKS

UNIT	Title	2 Mark Question	3 Marks Question	4 Marks Question	Total Marks
1	Electrostatic	02	01, C	01	11
2	Current Electricity	02	01, C	01	11
3	Magnetic effects of current & magnetism	02	01, C	C	07
4	Electromagnetic Induction & Alternating current	02	01	C	07
5	Electromagnetic waves	02	01	-	07
6	Optics	03	01	01	13
7	Dual Nature of matter	03	C	-	06
8	Atoms & Nuclei	02	C	-	04
9	Electronic devices	02	C	C	04
<b>Total Questions</b>		<b>20</b>	<b>06</b>	<b>2</b>	<b>29+9C</b>
<b>Total Marks</b>		<b>40</b>	<b>18</b>	<b>12</b>	<b>70</b>

**Note: C stands for choice question**

#### INSTRUCTION FOR PAPER SETTER

1. There will be one theory paper and student has to attempt 29 question as per the directions.
2. Question no 1 to 20 will be of 2 marks each. Paper setter should set the question paper as per the direction given above. Out of 20 objective type questions, 5 question should multiple choice, 5 question should be of match the following type, 5 questions fill in the blanks and 5 questions are true/false type.
3. Question no 21 to 26 will be of three marks each. Candidates have to attempt any 6 questions out of 12 questions.
4. Question no 27-29 will be of four marks each. There will be 100% internal choice in each question.

 21/6/2022