

# HBSE Class 12 Physics Question Paper Marking Scheme

## DESIGN QUESTION PAPER

<b>Subject</b>	<b>Physics</b>	
<b>Paper</b>	<b>Annual or Supplementary</b>	
<b>Class</b>	<b>12<sup>th</sup></b>	<b>Year 2018-19</b>
<b>Time</b>	<b>3 Hrs.</b>	
<b>Marks</b>	<b>70</b>	

### 1. Weightage to Objectives:

Objective	<b>K</b>	<b>U</b>	<b>A</b>	<b>S</b>	<b>Total</b>
Percentage of marks	40	30	20	10	100
Marks	28	21	14	07	70

### 2. Weightage to Form of Questions:

Forms of Questions	<b>E</b>	<b>SA</b>	<b>VSA</b>	<b>O</b>	<b>Total</b>
No. of Questions	03	07	10	14	34
Marks Allotted	15	21	20	14	70
Estimated Time	60	55	45	20	180

### 3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1.	Electrostatics	08
2.	Current Electricity	07
3.	Magnetic effect of Current & Magnetism	09
4.	Electromagnetic Induction & Alternating current	08
5.	Electro magnetic waves	03
6.	Optics	10
7.	Dual nature of matter and radiation	05
8.	Atoms and nuclei	07
9.	Electronic devices	10
10	Communication systems	03
	<b>Total</b>	<b>70</b>
4.	Scheme of Sections	X X X X _____
5.	Scheme of Options	Internal Choice in long answer question i.e. essay type in two questions.
6.	Difficulty level	Difficult : <u>10</u> % marks Average : <u>50</u> % marks Easy : <u>40</u> % marks

Abbreviations: K (Knowledge), U (Understanding), A (Application), S (Skill), E (Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), O (Objective Type)