

प्रश्न-पत्र बोर्ड द्वारा निर्धारित पुस्तकों से ही सैट किया जाएगा। कृपया अध्यापकगण बोर्ड द्वारा निर्धारित पुस्तकें ही पढ़ाएँ।

## **DESIGN** **QUESTION PAPER**

<b>Subject</b>	<b>:</b>	<b>Physics</b>	
<b>Paper</b>	<b>:</b>	<b>Annual or Supplementary</b>	
<b>Class</b>	<b>:</b>	<b>12<sup>th</sup></b>	<b>Year 2016-17</b>
<b>Time</b>	<b>:</b>	<b>2½ Hrs.</b>	
<b>Marks</b>	<b>:</b>	<b>60</b>	

### 1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	40	30	20	10	100
Marks	24	18	12	6	60

### 2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	03	05	09	12	29
Marks Allotted	15	15	18	12	60
Estimated Time	60	45	30	15	150

### 3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1. Electrostatics		07
2. Current Electricity		06
3. Magnetic effect of Current & Magnetism		07
4. Electromagnetic Induction & Alternating current		07
5. Electro magnetic waves		03
6. Optics		10
7. Dual nature of matter and radiation		04
8. Atoms and nuclei		06
9. Electronic devices		07
10. Communication systems		03

**Total**      **60**

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 :   10   % marks  
Average :   50   % marks  
Easy :   40   % marks

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