

# हरियाणा विद्यालय शिक्षा बोर्ड, भिवानी

## Question paper Design 2020-21

Class: XI Subject: Physics  
Session: 2020-21 Annual/Supplementary

Books Name: NCERT/HBSE  
Physics Part-1  
Physics Part-11  
Marks: 70

Time: 2:30 hrs

### 1 Weightage to Objectives

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

### 2 Weightage to Form of Questions

Form of questions	E (MARKS)	SA (MARKS)	VSA (MARKS)	Objective type (MARKS)	Total
No. of Questions	02	05	05	35	47
Marks allotted	10	15	10	35	70
Estimated time	40	40	20	50	150

### 3 Weightage to content:

Marks			
	Marks	No of Questions	Total Marks
1 Physical world, Units and Measurement	06	05	06
2 Motion in a straight line, motion in a plane	08	06	08
3 Laws of motion	08	06	08
4 Work energy & power	06	05	06
5 Motion of system of particles & rigid bodies	06	04	06
6 Gravitation	06	04	06
7 Properties of bulk modulus matter	10	05	10
8 Thermodynamics	06	04	06
9 behavior of perfect gas & kinetic Theory	04	03	04
10 Oscillations & waves	10	05	10
	70	47	

MCQ=18

V.V. Short Ans.=08

Fill in the blanks =09

Total =35 Questions

- 4 Scheme of Options : A:B:C:D  
5 Scheme of Options : Internal Choice in long answer question i.e. essay type two questions

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

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