Downloaded from www.studiestoday.com

Chapter wise Test papers for Class XI-Physics

PHYSICAL WORLD

General Instructions: Answer all the questions. If you are unable to answer any question, go through the page number that is given against that particular question in the text book. You can find the answer.

Test Paper-I

V	lax n	Time: 90Mts		
	1	What is science? What is physics?	P1	2
	2	What is scientific method? Give the steps involved in it.	P1	3
	3	Name the experiment which established the nuclear model of atom.	P2	1
	4	What is the law which	P2	1
		a. Describes the fall of an apple to the ground		
		b. The motion of the moon around the earth and		
		c. The motion of planets around the earth.		
	5	What are the two principal thrusts in physics? Explain How they help in the	P2	3
		Development of physics?		
	6	What is Classical Physics? What are the different subjects involved in classical	Р3	3
		physics? Briefly explain about them.		
	7	What is Quantum Physics?	Р3	1
	8	Explain how physics is exciting?	P4	2
	9	When feather and stone are dropped from the same height, which one will	P4	3
		reach the ground first? What is the effect of gravity on the mass of the		
		object? How will you prove this?		
	10	What is the difference between a hypothesis and an axiom?	P4	2
	11	What are the two postulates on which Einstein's special theory of relativity is	P4	2
		hased?		

Downloaded from www.studiestoday.com

Chapter wise Test papers for Class XI-Physics

12	Match the	e following	P5 3	
	<u>Group-A</u>	Group-B		
	 Archimedes Galileo J C Bose W K Roentgen Albert Einstein James Clerk Maxwell 	 a. Electromagnetic theory; Light –an EM wave b. X-Rays c. Theory of Relativity d. Principle of buoyancy e. Ultra short radio waves f. Law of Inertia 		
13 14	What are the fundamental forces in nat	P8 3		
17	a. Production of ultra-high magnetic fields b. Electron microscope.			