

ANNUAL BREAK UP

CLASS -08-PHYSICS 2019-20

MONTH	NO.OF WORKING	DATE & WEEK	NO.OF PERIODS	CHAPTER	TOPIC TO BE COVERED	CLASSS ACTIVITY &TEACHING METHOD	TEACHINGB AID	HOME ASSIGNMENT					
MARCH	6	26.03. TO31.03.19	3		Introduction to force	explanatory+ CLASS ACTIVITIES	black board+ SMART CLASS						
					resultant force (balanced & unbalanced)	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
					balanced force numericals	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
	1.4. to 6.4.19	3			unbalanced force numericals	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
					effects of force	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
					effects of force	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
	08/04 TO 12.04.19	3			types of force(contact force)	explanatory+ CLASS ACTIVITIES	BLACK BOARD	Related intext questions					
					contact force along with examples	explanatory+ CLASS ACTIVITIES		Related intext questions					
					non contact force(gravitational force)	explanatory+ CLASS ACTIVITIES	audio visual module+BB	Related intext questions					
	15.04 TO 20.04.19	3			magnetic force along with example	explanatory+ CLASS ACTIVITIES	BLACK BOARD	Related intext questions					
					electrostatic force along with example	explanatory+ CLASS ACTIVITIES							
					PRESSURE (definition,formula,application)	explanatory+ CLASS ACTIVITIES	LAB ACTIVITY	Related intext questions					
	22.04 TO27.04.19	3			application of pressure	explanatory	audio visual module+BB	Related intext questions					
					numericals based on pressure	explanation + lab activity	black board	Related intext questions					
					numericals based on pressure								
					liquid pressure								
					factors affecting liquid pressure	explanation + lab activity	lab visit	related questions					
					JUNE	12	17.06. TO 22.06.19	3	FORCE & PRESSURE	application of liquid pressure	Problem solving	black board	related questions
atmospheric pressure	explanation + SMART CLASS	black board	related questions										
	explanation + SMART CLASS												
24.06 TO 29.06.19	3	REVISION FOR PT-I	applications of atmospheric pressure	explanation + SMART CLASS			black board	related questions					
			REVISION-FORCE& ITS TYPES	ORAL +WRITTEN				related questions					
			REVISION-LIQUID PRESSURE	ORAL +WRITTEN				related questions					
							REVISION -ATMOSPHERIC PRESSURE	ORAL +WRITTEN		related questions			
							1.07 TO 04.07.19	3	ntroduction to friction along with example	explanatory+ CLASS ACTIVITIES		related questions	
									cause of friction	explanation + SMART CLASS		related questions	
									factors affecting friction	explanatory+ CLASS ACTIVITIES		related questions	
					05.07 TO 10.07.19	3		factors affecting friction	explanatory+ CLASS ACTIVITIES	BLACK BOARD + SMART CLASS	related questions		
								friction in daily life	EXPLANATORY	BLACK BOARD +AUDIO /VISUAL MODULE	related questions		
								disadvantages of friction	EXPLANATORY	BLACK BOARD +AUDIO /VISUAL M	related questions		
								minimizing friction	EXPLANATORY	BLACK BOARD +AUDIO /VISUAL M	related questions		
								BOOK EXERCISE	GROUP DISCUSSION				
					JULY	26	26.07 to 03.08.19	3		Introduction to sound	EXPLANATORY	BLACK BOARD +AUDIO /VISUAL M	related questions
										Introduction to ossillations	explanation + lab activity	lab visit	related questions
										amplitude ,frequency & time period	explanation + lab activity	lab visit	related questions
amplitude ,frequency & time period	explanation + lab activity	lab visit	related questions										
umericals based on frequency & time period	explanation	BLACK BOARD	related questions										
umericals based on frequency & time period	Problem solving	BLACK BOARD	related questions										

AUGUST	23	05.08 to 10.08.19	3	SOUND	characteristics of sound loudness	explanation + SMART CLASS	explanation + SMART CLASS			
		13.08 TO 17.08.19	3		characteristics of sound pitch & quality	explanation + SMART CLASS	audio visual module+BB	related questions		
					how sound travels	explanation + SMART CLASS	audio visual module+BB	related questions		
					human ear & its working	explanation + SMART CLASS	audio visual module+BB	related questions		
					audible & inaudible	explanation + SMART CLASS	audio visual module+BB	related questions		
					speed of sound & factors affecting it	explanation + SMART CLASS	audio visual module+BB	related questions		
		19.08 TO 24.08.19	3		reflection of sound & its application	explanation + SMART CLASS	audio visual module+BB	related questions		
					reflection of sound & its application	explanation + SMART CLASS	audio visual module+BB	related questions		
		26.08 TO 31.08.19	3		absorption of sound & its application	explanation + SMART CLASS	audio visual module+BB	related questions		
					sound produced by humans	explanation + SMART CLASS	audio visual module+BB	related questions		
					musical sound & noise & how to control	explanation + SMART CLASS	audio visual module+BB	related questions		
		SEPTEMBER	22		03.09 TO 07.09.19	3	PT-II- REVISION	How to reduce noise pollution	explanation + SMART CLASS	audio visual module+BB
FORCE & PRESSURE	ORAL+WRITTEN (WORKSHEET QUESTION)			black board				related questions		
FORCE & PRESSURE	ORAL+WRITTEN (WORKSHEET QUESTION)			black board				related questions		
09.09 TO 14.09.19	3									
				FRICITION	ORAL+WRITTEN (WORKSHEET QUESTION)	black board		related questions		
				FRICITION	ORAL+WRITTEN (WORKSHEET QUESTION)			related questions		
				SOUND	ORAL+WRITTEN (WORKSHEET QUESTION)			related questions		
				SOUND	ORAL+WRITTEN (WORKSHEET QUESTION)			related questions		
17.09 TO 22.09.19	3			SOUND	ORAL+WRITTEN (WORKSHEET QUESTION)			related questions		
24.09 TO 03.10.19				OVERALL REVISION	ORAL+WRITTEN (WORKSHEET QUESTION)	black board		related questions		
				PERIODIC TEST-II						
OCTOBER	18			10.10 TO 12.10.19	2	SOME NATURAL PHENOMENA		Electrical charges & its properties	explanation+ class activities	audio/visual module
		electrification of a body	explanation+ class activities				lab visit			
		14.10 TO 19.10.19	3	properties of charged body	explanation + SMART CLASS		black board+ SMART CLASS			
				metohods of charging	explanation + SMART CLASS		black board+ SMART CLASS	related questions		
				charging by friction				related questions		
				charging by conduction	explanation + SMART CLASS		black board+ SMART CLASS	related questions		
				charging by induction	explanation + SMART CLASS		black board+ SMART CLASS	related questions		
		21.10 TO 31.10.19	3	detecting & measuring of charge	explanation + SMART CLASS		black board+ SMART CLASS	related questions		
				01-11 TO 02-11-19	1		flow of charge	explanation + SMART CLASS	black board+ SMART CLASS	related questions
							earthing & electric current	explanation + SMART CLASS	black board+ SMART CLASS	related questions
							atmospheric electricity(THUNDERSTORM)	explanation + SMART CLASS	black board+ SMART CLASS	related questions
precautions during thunderstorm & lightning	explanation + SMART CLASS					black board+ SMART CLASS	related questions			
04.11 TO 9.11.18	3			earthquake & its causes	explanation + SMART CLASS	black board+ SMART CLASS	related questions			
				effects of earth quake & protection	explanation + SMART CLASS	black board+ SMART CLASS	related questions			
11.11 TO 16.11.19	3			exercise Q/A		black board				
				LIGHT & its properties	explanation+SMART CLASS	audio/visual module/BLACK BOARD	related questions			

NOVEMBER	25	18.11 TO 23.11.19	3	LIGHT - reflection	sources of light & rectilinear propagation of light	explanation+SMART CLASS	audio/visual module	related questions
					terms related to reflection of light	explanation+SMART CLASS	audio/visual module	related questions
					SOME NATURAL PHENOMENA	WRITTEN +GROUP DISCUSSION	black board	related questions
					SOME NATURAL PHENOMENA	WRITTEN +GROUP DISCUSSION	black board	
		25.11 TO 30.11.19	3	REVISION FOR PT-III	LIGHT	WRITTEN +GROUP DISCUSSION	black board	related numericals
DECEMBER +JANUARY	21	02.12 TO 07.12.19	3	LIGHT - reflection	LAWS OF REFLECTION	explanation+lab activity	LAB VISIT	related numericals
					Numerical based on laws of reflection	explanation+SMART CLASS	LAB VISIT	related numericals
					Image & its type	explanation+lab activity	LAB VISIT	related questions
					multiple reflection of light	explanation+lab activity	LAB VISIT	related questions
		09.12 TO 13.12.19	3		numericals based on multiple reflection	explanatory+SMART CLASS	audio/visual module	related numericals
					Refraction of light & its cause	explanation+lab activity	LAB VISIT	related questions
		16.12 TO 21.12.19	3	LIGHT- REFRACTION	characteristics of refraction	explanation+lab activity	LAB VISIT	related questions
					effects of refraction	explanation+lab activity	LAB VISIT	related questions
					refraction by glass slab	explanation+lab activity	LAB VISIT	related questions
					refraction by prism	explanation+lab activity	LAB VISIT	related questions
		23.12.TO 28.12.19	3		dispersion of light	explanation+lab activity	LAB VISIT	related questions
					lenses & its types	explanation+lab activity	LAB VISIT	related questions
					terms related to lenses	explanation+lab activity	LAB VISIT	
		3.01 TO 04.01.20	3		rules of image formation	explanation+lab activity	LAB VISIT	Related question
					image formation by convex lens	explanation+lab activity	LAB VISIT	
					image formation by convex lens	explanation+lab activity	LAB VISIT	
		6.01 TO 11.01.20	3		image formation by concave lens	explanation+lab activity	LAB VISIT	Related question
					human eye & its working	SMART CLASS+ EXPLANATION	SMART CLASS	
					human eye working	SMART CLASS+ EXPLANATION	BLACK BOARD +AUDIO /VISUAL MODULE	related questions
		13-01 TO 18-01-20	3		defects of vision(myopia)	SMART CLASS+ EXPLANATION		related questions
					hypermetropia	SMART CLASS+ EXPLANATION		related questions
		20-01 TO 25-01-20	3		Universe galaxies & stars	SMART CLASS+ EXPLANATION		related questions
					planets ,measuring distances in the universe	SMART CLASS+ EXPLANATION		related questions
					numericals based on it	SMART CLASS+ EXPLANATION		related questions
					constellations	SMART CLASS+ EXPLANATION		related questions
		27-01 TO 01-01-20	3		ursa major,ursa minor	SMART CLASS+ EXPLANATION		related questions
					scorpius & cassiopeia	SMART CLASS+ EXPLANATION		related questions
					solar system:sun& planets	SMART CLASS+ EXPLANATION		related questions
		03-02 TO 08-02-20	3	THE UNIVERSE	mercury,venus,earth, mars,jupiter,saturn,uranus,artificial satellites	SMART CLASS+ EXPLANATION		related questions
FEBRUARY	22			REVISION FOR FINAL EXAM	FRICTION	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
		10-02 TO 15-02-20	3		SOUND	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
					SOUND	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
					SOME NATURAL PHENOMENA	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
					SOME NATURAL PHENOMENA	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
		17-02 TO 22-02-20	3		LIGHT: REFLECTION	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
					LIGHT: REFRACTION	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
					LIGHT: REFRACTION	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions
		24-02 TO 28-02-20	3		THE UNIVERSE	WRITTEN +GROUP DISCUSSION	WORKSHEET QUESTIONS	practicals given questions

CLASS TEST 22.04 TO 27.04.19
CLASS TEST BEFORE PT-I
CLASS TEST IN LAST WEEK OF JULY

CLASS
TEST IN
LAST
WEEK OF
AUGUST

CLASS
TEST IN
LAST
WEEK OF
OCTOBER

CLASS TEST IN LAST WEEK OF NOVEMBE R
CLASS TEST IN LAST WEEK OF DECEMBE R
CLASS TEST IN LAST WEEK OF JANUARY