

## N. C. JINDAL PUBLIC SCHOOL PUNJABI BAGH, NEW DELHI ANNUAL CURRICULUM

Class : XI	Subject :Physics	Subject Teacher (Prepared by):Navin KumarTripathi		Designation:		
Preferred Text Book / Material	Chapter's Name	Chapter Topic / Sub Topic	Term	Start Date	End Date	No.of Periods
N C E R T Text Book I	(I)Physical world	Physics, Technology and society,Fundamental forces, Nature of Ist		02/07/18	07/07/18	6
	(ii) Units and measurement	International unit system,Measurement of mass,Length,Time,Accuracy,F		09/07/18	14/07/18	6
	(iii) Motion in a straight line	Position,Path,Length,Displacement,Average speed,Average velocity,Inst		16/7/18	21/7/18	6
	(iv) Motion in plane	including 1st periodic syllabus.4work and energy		23/7/18	27/7/18	5
	(v) Laws of moton	Aristotle's fallacy, Law of inertia,Newton's laws of motion,Conservation		30/7/18	10/8/2018	13
	(vi) Work, energy and power	including 1st periodic syllabus.4work and energy 5 Motion ofsystem of p		13/8/18	17/8/18	6
N C E R T Text Book II	(vii) System ofparticle and rotationa	Centre of mass and it's motion,Linear momentum of system	2nd term	20/8/18	31/8/18	13
	(viii) Gravitation	Kepler's laws,Universal lawof gravitation,Gravitational constant,Accelera		09/01/18	09/06/18	5
	(ix) Mechanical properties of solids	Elastic behaviour of solids,Stress,Strain,Hooke's law,Stress-strain curve,E		09/07/18	13/9/18	6
	(x) Mechanical properties of fluids	Pressure,Streamline flow,Bernoulli's theorem,Viscosity,Reynold's numbe		10/01/18	16/10/18	8
	(xi)Thermal properties of matter	Heat,TemperatureTtemperature measurement,Absolute temperature,Id		22/10/2018	26/10/2018	4
	(xii) Thermodynamics	Thermal equilibrium,Zeroth law of thermodynamics,Heat,Internal energy		29/10/18	11/03/18	4
	(xiii) Kinetic theory	Molecular nature of matter,Kinetic theory of gases,Law of equipartition		11/05/18	22/11/201	6
	(xiv) Oscillations	Periodic and oscillatory motion,S H M and uniform circular motion , Ford		26/11/2018	12/07/18	14
	(xv) Waves	Longitudinal wave and transverse wave,Progressive wave,Speed of trave		12/10/18	21/12/18	14
	(xvi)	Ray optics revision		24/12/18	31/1/2019	16

Prepared By : Name : Navin Kumar Tripathi \_\_\_\_\_ Sign \_\_\_\_\_

Subject Co-ordinator : Name \_\_\_\_\_ Sign \_\_\_\_\_



**N. C. JINDAL PUBLIC SCHOOL PUNJABI BAGH, NEW DELHI SA/Term/Pre Board Marking Scheme: 2015-2016**

Class :XI		Subject :	
Sl.No.	SA/Term/Pre Board	Chapter/Topic	Max. Marks
1	Half yearly exam	1. Physical world and measurement	04 marks
		2. Kinematics	15 marks
		3. Laws of motion	18 marks
		4. Work, power and energy	16 marks
		5. System of particle and rotational motion	17 marks
	Practicals -30 marks +	Theory total	70 marks
		Ggrand Total	100 marks
	Annual exam	1. Physical world and measurement	2 marks
		2. Kinematics	7 marks
		3. Laws of motion	7 marks
		4. Work, power and energy	06 marks
		5. System of particle and rotational motion	06 marks
		6. Gravitation	05 marks
		7. Properties of bulk matter	09 marks
		8. Thermodynamics	07 marks
		9. Behaviour of perfect gas and kinetic theory of gas	04 marks
		10. Oscillations and waves	11 marks
		11. Ray optics	06 marks

Total 70 marks

Practicals 30 marks

Name : \_\_\_\_\_ Sign \_\_\_\_\_

Name : \_\_\_\_\_ Sign \_\_\_\_\_

Name : \_\_\_\_\_ Sign \_\_\_\_\_

Name : \_\_\_\_\_ Sign \_\_\_\_\_

Name : \_\_\_\_\_ Sign \_\_\_\_\_

Name : \_\_\_\_\_ Sign \_\_\_\_\_