

Lesson Plan

Prof. Balkrishna

Name of the Assistant/Associate Professor

Class and Section: B.Sc. I

Section A (4-6 days)

Subject: Physics I

Week	Date	Topics
1	1-Jan-18	
	2-Jan-18	
	3-Jan-18	Unit 1 Moment of Inertia
	4-Jan-18	Moment of Inertia of rigid body, Torque, Angular Momentum
	5-Jan-18	Kinetic Energy of rotation
	6-Jan-18	Theorem of Parallel axes & Perpendicular axis with Proof
	7-Jan-18	Sunday
2	8-Jan-18	/
	9-Jan-18	
	10-Jan-18	
	11-Jan-18	Moment of Inertia derivation - Solid sphere, Shell,
	12-Jan-18	Hollow sphere, Hollow cylinder, Solid bar, Cylinder
	13-Jan-18	Moment of Inertia of Irregular body Flywheel.
	14-Jan-18	Sunday
3	15-Jan-18	/
	16-Jan-18	
	17-Jan-18	
	18-Jan-18	Acceleration due to gravity rolling down on
	19-Jan-18	inclined plane, applications
	20-Jan-18	Coverup day
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Revision and Numericals
	26-Jan-18	Republic Day
	27-Jan-18	Revision and Numerical
	28-Jan-18	Sunday
5	29-Jan-18	/
	30-Jan-18	
	31-Jan-18	

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Lesson Plan

Prof. Dattatraya

Name of the Assistant/ Associate Professor.....

Class and Section: BSc II

Section A (4-6 day)

Subject: Paper A

Week	Date	Topics
1	1-Feb-18	Test based on Unit I, Strain Hooke's law Unit II Elasticity, Stress
	2-Feb-18	
	3-Feb-18	Elastic Constants, Types.
	4-Feb-18	Sunday
2	5-Feb-18	/
	6-Feb-18	
	7-Feb-18	
	8-Feb-18	
	9-Feb-18	Relation between Elastic Constants - Continued
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
	12-Feb-18	/
3	13-Feb-18	Maha Shivratri
	14-Feb-18	/
	15-Feb-18	Poisson's Ratio, Twisting of Cylinder, Maxwell's bulb
	16-Feb-18	Bending of beam cantilever, centrally loaded beam
	17-Feb-18	Determination of γ by bending of beam, by least square method
	18-Feb-18	Sunday
4	19-Feb-18	/
	20-Feb-18	
	21-Feb-18	
	22-Feb-18	Cover up day
	23-Feb-18	Revision day & Numerical assignments.
	24-Feb-18	Revision day & Numerical.
25-Feb-18	Sunday	
5	26-Feb-18	/
	27-Feb-18	
	28-Feb-18	University Vacations.

Lesson Plan

Dr. Balkrishan

Name of the Assistant/ Associate Professor.....

Class and Section: B.Sc. I

Section A (4-6 days)

Subject: Physical Chemistry

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	University Vacation
	4-Mar-18	Sunday
2	5-Mar-18	
	6-Mar-18	
	7-Mar-18	
	8-Mar-18	Kinetic theory of gases, Pressure, Temperature, Kinetic interpretation of Temp
	9-Mar-18	Ideal gas equation, Degree of freedom
	10-Mar-18	Law of equipartition & Specific heat of gas
	11-Mar-18	Sunday
3	12-Mar-18	
	13-Mar-18	
	14-Mar-18	
	15-Mar-18	Real gas behaviour
	16-Mar-18	Real gas Vs. Ideal gas
	17-Mar-18	Vander Waal equation of state
	18-Mar-18	Sunday
4	19-Mar-18	
	20-Mar-18	
	21-Mar-18	
	22-Mar-18	Brownian Motion
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Revision day + Numerical
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	
	27-Mar-18	Test
	28-Mar-18	
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Class Test on Unit III
	31-Mar-18	Unit IV Introduction to Kinetic Theory of gas. (Modern)

Lesson Plan

Prof. Balkrishna

Name of the Assistant/ Associate Professor

Class and Section: BSEI

Subject: Physics

Sem-2 (4-6 days)

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	
	3-Apr-18	
	4-Apr-18	Maxwell's speed distribution law (derivation)
	5-Apr-18	Experimental Verification of Maxwell's speed dist. law
	6-Apr-18	
	7-Apr-18	Most Probable speed, Average and RMS speed.
	8-Apr-18	Sunday
2	9-Apr-18	
	10-Apr-18	
	11-Apr-18	
	12-Apr-18	Mean free Path
	13-Apr-18	Trans. phenomena, Dr Ambedkar Jayanti / Vaisakhi
	14-Apr-18	
	15-Apr-18	Sunday
3	16-Apr-18	
	17-Apr-18	
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Transport of Energy, Momentum,
	20-Apr-18	Transport of Mass.
	21-Apr-18	Relation between Coeff of Viscosity, Thermal Cond, Diffusional
22-Apr-18	Sunday	
4	23-Apr-18	
	24-Apr-18	
	25-Apr-18	
	26-Apr-18	Revision & Numerical.
	27-Apr-18	
	28-Apr-18	