

Lesson Plan

Name of the Assistant/ Associate Professor: - RITU K.DALAL

Class and Section: B.Sc(N.M) 2nd SEM.

Subject: KINETIC THEORY OF GASES Paper code: PH-201

Week	Date	Topics
1	1-Jan-18	Rotation Of Rigid Body
	2-Jan-18	K.E of rotation , Moment Of Inertia
	3-Jan-18	Torque, Ang.Mom.
	4-Jan-18	Theorem of perpendicular And Parallel Axis
	5-Jan-18	Revision
	6-Jan-18	M.O.I of Solid Sphere And Hollow Sphere
	7-Jan-18	Sunday
2	8-Jan-18	M.O.I of Spherical Shell ,Solid Cylinder
	9-Jan-18	M.O.I Of Hollow Cylinder,Solid Bar
	10-Jan-18	M.O.I of Irregular Body
	11-Jan-18	Numericals
	12-Jan-18	Test
	13-Jan-18	Acc. Of Rolling Body On Inclined Plane
	14-Jan-18	Sunday
3	15-Jan-18	Fly Wheel,Torsion Pendulum
	16-Jan-18	Test
	17-Jan-18	Elasticity,Stress,Strain
	18-Jan-18	Hook's Law
	19-Jan-18	Elastic Constants & Their Relation
	20-Jan-18	Numericals
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Poisson's Ratio ,Torsion OF Cylinder
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Twisting Couple
	26-Jan-18	Coeff. Of Modulus of Rigidity
	27-Jan-18	Maxwell Needle Method
	28-Jan-18	Sunday
5	29-Jan-18	Bending of Beam
	30-Jan-18	Numericals
	31-Jan-18	Cantilever & Centrally Loaded Beam

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Week	Date	Topics
1	1-Feb-18	numericals
	2-Feb-18	Test
	3-Feb-18	Youngs Modulus for Material of Beam
	4-Feb-18	Sunday
2	5-Feb-18	Elastic Constant by Searle' Method
	6-Feb-18	Revision
	7-Feb-18	Test
	8-Feb-18	Assumption of Kinetic Theory of gases
	9-Feb-18	Pressure for ideal gas
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Kinetic interpretation of temp.
	13-Feb-18	Degree of Freedom
	14-Feb-18	Numerical
	15-Feb-18	Law of equipartition of energy
	16-Feb-18	Specific heat of gases
	17-Feb-18	Real Gases
	18-Feb-18	Sunday
4	19-Feb-18	Vander wall's Equation
	20-Feb-18	Revision
	21-Feb-18	Brownian motion
	22-Feb-18	Test
	23-Feb-18	Numericals
	24-Feb-18	Numericals
	25-Feb-18	Sunday
5	26-Feb-18	Maxwell distribution of speed
	27-Feb-18	Maxwell distribution of velocity
	28-Feb-18	As per Uni. Calendar Holiday

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	As per Uni. Calendar Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Numericals
	6-Mar-18	Test Unit 1
	7-Mar-18	Revision
	8-Mar-18	Experimental verification of Maxwell Law of Speed
	9-Mar-18	Test Unit 2
	10-Mar-18	Revision
	11-Mar-18	Sunday
3	12-Mar-18	Most Probable Speed
	13-Mar-18	Average Speed
	14-Mar-18	R.M.S Speed
	15-Mar-18	Numericals
	16-Mar-18	Revision
	17-Mar-18	Transport Phenomena
	18-Mar-18	Basic
4	19-Mar-18	Transport of Energy
	20-Mar-18	Numericals
	21-Mar-18	Test Unit 3
	22-Mar-18	Revision
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Transport of Momentum
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Numericals
	27-Mar-18	Diffusion of Gases
	28-Mar-18	Numericals
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Revision
	31-Mar-18	Test Unit 4

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Revision of all Numericals
	3-Apr-18	-Do-
	4-Apr-18	-Do-
	5-Apr-18	-Do-
	6-Apr-18	Revision of All Units
	7-Apr-18	-Do-
	8-Apr-18	Sunday
2	9-Apr-18	-Do-
	10-Apr-18	-Do-
	11-Apr-18	Test (All Units)
	12-Apr-18	
	13-Apr-18	
	14-Apr-18	Dr AmbedkarJayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	
	17-Apr-18	
	18-Apr-18	ParashuramaJayanti
	19-Apr-18	
	20-Apr-18	
	21-Apr-18	
	22-Apr-18	Sunday
4	23-Apr-18	
	24-Apr-18	
	25-Apr-18	
	26-Apr-18	
	27-Apr-18	
	28-Apr-18	