

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Section A - (1-3)

Section B (4-6)

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor ^{Assistant} Dr. ANSHU

Class B.Sc. Ist yr. (Ind. Sem. I) Subject Properties of Matter, Kinetic theory and Relativity

Week	Date	Topic
1	01.01.18	Winter vacation
	02.01.18	Winter vacation
	03.01.18	Winter vacation
	04.01.18	Winter vacation
	05.01.18	Winter vacation
	06.01.18	Practical Examination (B.Sc. Ind yr)
	07.01.18	Sunday
2	08.01.18	Practical Examination (B.Sc. Ind yr)
	09.01.18	Practical Examination (B.Sc. Ist yr)
	10.01.18	Practical Examination (B.Sc. Ist yr)
	11.01.18	^{Unit - III} Introduction to theory of Relativity
	12.01.18	History and association with world in context of Physical world
	13.01.18	Galilean Transformation
	14.01.18	Sunday
3	15.01.18	Introduction to theory of Relativity
	16.01.18	History and association with world in context of Physical world
	17.01.18	Galilean Transformation (conservation laws)
	18.01.18	Galilean Transformation (conservation laws)
	19.01.18	Michelson Morley Experiment (exptl set up & path difference)
	20.01.18	C.R. Celebration
	21.01.18	Sunday
4	22.01.18	Basant Panchami
	23.01.18	Galilean Transformation
	24.01.18	Michelson Morley Experiment (exptl set up & path difference)
	25.01.18	Negative result & other confirmation of M.M. expt
	26.01.18	Republic Day
	27.01.18	Lorentz transformation
	28.01.18	Sunday
5	29.01.18	Negative results of M.M. expt & other existence
	30.01.18	Lorentz transformation
	31.01.18	Guru Ravidas Jayanti

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of ^{Assistant} Associate Professor D.Y. ANSHU

Class ... B.Sc. Ist. Yr. (IInd. Sem.).. Subject... Properties of Matter, Kinetic theory and Relativity theory and

Week	Date	Topic
1	01.02.18	Consequence of Lorentz transformation
	02.02.18	Consequence (Next) of Lorentz transformation
	03.02.18	Variation of mass with velocity
	04.02.18	Sunday
2	05.02.18	Consequence of Lorentz transformation
	06.02.18	Consequence (Next) of Lorentz transformation
	07.02.18	Variation of mass with velocity
	08.02.18	Mass - energy equivalence
	09.02.18	Numericals related to $L, T, m/v, m/E$ equivalence
	10.02.18	Maharshi Dayanand Saraswati Jayanti
	11.02.18	Sunday
	12.02.18	Mass - energy equivalence
3	13.02.18	Maha Shivratri
	14.02.18	Numericals & Discussion
	15.02.18	Chapter Revision & Doubt / Discussion
	16.02.18	Unit- Test (T.O.R)
	17.02.18	Unit - I Introduction to Properties of Matter Elasticity, Hooke's Law
	18.02.18	Sunday
	19.02.18	Unit Test (Theory of Relativity)
	20.02.18	Unit - I Introduction to Properties of Matter
4	21.02.18	Poisson Ratio
	22.02.18	Poisson Ratio
	23.02.18	Numerical Problems
	24.02.18	Torsion of cylinder
	25.02.18	Sunday
	26.02.18	Numerical Problems
	27.02.18	Torsion of cylinder
28.02.18	MDU Holidays	

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Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor ^{Asst. Prof.} Dr. Anshu

Class B.Sc. Ist. yr. (IInd. Sem.). Subject Properties of Matter, Kinetic theory and Relativity

Week	Date	Topic
1	01.03.18	MDU Holidays
	02.03.18	MDU Holidays
	03.03.18	MDU Holidays
	04.03.18	Sunday
2	05.03.18	Bending of Beams and Cantilevers
	06.03.18	Revision and Discussion of Properties of Matter
	07.03.18	Test (Unit) - Properties of Matter
	08.03.18	Bending of Beam and Cantilevers
	09.03.18	Revision & Discussion of Properties of Matter
	10.03.18	Test (Unit) Properties of Matter
	11.03.18	Sunday
3	12.03.18	Introduction to Kinetic theory of Gas
	13.03.18	Law of equipartition of energy
	14.03.18	Specific heats of gases
	15.03.18	Specific heats of gases
	16.03.18	Distribution of velocities using Maxwell Distribution
	17.03.18	- Continued -
	18.03.18	Sunday
4	19.03.18	Distribution of velocities using Max. Distribution
	20.03.18	Continued
	21.03.18	Mean free path
	22.03.18	Mean free path
	23.03.18	Shaheedi Diwas
	24.03.18	Transport phenomenon
	25.03.18	Sunday
5	26.03.18	Transport phenomenon
	27.03.18	- Continued -
	28.03.18	- Continued -
	29.03.18	Mahavir Jayanti
	30.03.18	Transport phenomenon
31.03.18	Transport Phenomenon	

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of ^{Assistant} Associate Professor Dr. Anshu

Class B.Sc. Ist. yr. (IInd Sem.) Subject Properties of Matter, Kinetic theory and Relativity

Week	Date	Topic
	01.04.18	Sunday
1	02.04.18	Numerical Problems
	03.04.18	Brownian Motion
	04.04.18	Real Gases
	05.04.18	Numerical Problems
	06.04.18	Brownian Motion
	07.04.18	Real Gases
	08.04.18	Sunday
2	09.04.18	Real Gases
	10.04.18	- continued -
	11.04.18	Numerical Problems
	12.04.18	Real Gases
	13.04.18	Real Gases
	14.04.18	Baisakhi / Ambedkar Jayanti
	15.04.18	Sunday
3	16.04.18	Revision and Discussion
	17.04.18	Test of Kinetic theory of Gases
	18.04.18	Parshuram Jayanti
	19.04.18	Numerical Problems
	20.04.18	Discussion and Revision
	21.04.18	Test of Kinetic theory of Gases
	22.04.18	Sunday
4	23.04.18	Revision and Unit test (Unit - I)
	24.04.18	Revision and Unit test (Unit - II)
	25.04.18	Revision & Unit test (Unit - III)
	26.04.18	Revision & Unit test (Unit - I)
	27.04.18	Revision & Unit test (Unit - II)
	28.04.18	Revision & Unit test (Unit - III)
	29.04.18	Sunday
	30.04.18	Leftover Problems and Discussion

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