



Aggarwal College Ballabgarh

LESSON PLAN 17 WEEKS (JAN-APRIL)-2025

Name of Faculty: Yogesh Kumar Goyal
Designation/ Department: Associate Professor (Mathematics)

CLASS: BA/B.Sc		SEMESTER: 6th	SECTION
SUBJECT: Dynamics			
Week			
1	7-1-2025	Introduction to Dynamics and Definitions	
	8-1-2025	Velocity and Acceleration along radial and transverse, tangential and normal directions	
	9-1-2025	Contd..	
	10-1-2025	Related examples	
	11-1-2025	Exercise questions	
	12-1-2025	S. U. N. D. A. Y.	
2	13-1-2025	Relative velocity and acceleration	
	14-1-2025	Contd....	
	15-1-2025	Related examples	
	16-1-2025	Doubt class	
	17-1-2025	Simple Harmonic motion	
	18-1-2025	Related examples	
	19-1-2025	S. U. N. D. A. Y.	
3	20-1-2025	Practice more examples	
	21-1-2025	Exercise Questions	

	22-1-2025	Elastic strings
	23-1-2025	Related examples
	24-1-2025	Practice more examples
	25-1-2025	Class test
	26-1-2025	REPUBLIC DAY /S. U. N. D. A. Y.
4	27-1-2025	Mass , Momentum and Force
	28-1-2025	Related examples
	29-1-2025	Exercise Questions
	30-1-2025	Assignment of 1 st Unit
	31-1-2025	Class test
	1-2-2025	Newton law of motion
	2-2-2025	S. U. N. D. A. Y/BASANT PANCHAMI
5	3-2-2025	Related examples
	4-2-2025	Exercise questions
	5-2-2025	Contd..
	6-2-2025	Doubt class
	7-2-2025	Work, Power and Energy
	8-2-2025	Related Examples
	9-2-2025	S. U. N. D. A. Y
6	10-2-2025	Contd...
	11-2-2025	Exercise Questions
	12-2-2025	HOLIDAY: GURU RAVIDAS JAYANTI
	13-2-2025	Doubt class
	14-2-2025	Practice more questions

	15-2-2025	Contd..
	16-2-2025	S. U. N. D. A. Y.
7	17-2-2025	Definition of Conservative Forces and Impulsive Forces
	18-2-2025	Contd..
	19-2-2025	Contd..
	20-2-2025	Exercise Questions
	21-2-2025	Contd..
	22-2-2025	Doubt class
	23-2-2025	S. U. N. D. A. Y.
8	24-2-2025	Motion on smooth and rough plane curves
	25-2-2025	Contd..
	26-2-2025	HOLIDAY: MAHA SHIVRATRI
	27-2-2025	Contd..
	28-2-2025	More examples
	1-3-2025	Exercise questions
	2-3-2025	S. U. N. D. A. Y.
9	3-3-2025	Contd..
	4-3-2025	Doubt class
	5-3-2025	Assignment
	6-3-2025	Class Test
	7-3-2025	Projectile Motion of a Particle in a Plane
	8-3-2025	Related Examples
	9-3-2025	S. U. N. D. A. Y.
10	10-3-2025	HOLI BREAK

	11-3-2025	HOLI BREAK
	12-3-2025	HOLI BREAK
	13-3-2025	HOLI BREAK
	14-3-2025	HOLI BREAK
	15-3-2025	HOLI BREAK
	16-03-2025	S. U. N. D. A. Y.
11	17-3-2025	Vector Angular Velocity Examples
	18-3-2025	Exercise questions
	19-3-2025	Doubt class
	20-3-2025	General motion of a Rigid body
	21-3-2025	Related examples
	22-3-2025	More examples
	23-3-2025	S. U. N. D. A. Y.
12	24-3-2025	Contd..
	25-3-2025	Exercise questions
	26-3-2025	Doubt class
	27-3-2025	Assignment
	28-3-2025	Class test
	29-3-2025	Central Orbits
	30-3-2025	S. U. N. D. A. Y.
13	31-3-2025	HOLIDAY: ID-UL-FITR
	1-4-2025	Related Examples
	2-4-2025	More examples
	3-4-2025	Contd..

	4-4-2025	Contd..
	5-4-2025	Exercise questions
	6-4-2025	S. U. N. D. A. Y.
14	7-4-2025	Contd..
	8-4-2025	Doubt class
	9-4-2025	Class test
	10-4-2025	HOLIDAY: MAHAVIR JAYANTI
	11-4-2025	Motion of a particle in 3D
	12-4-2025	Related examples
	13-4-2025	S. U. N. D. A. Y.
15	14-4-2025	HOLIDAY: AMBEDKAR JAYANTI
	15-4-2025	More examples
	16-4-2025	Contd..
	17-4-2025	Exercise questions
	18-4-2025	Doubt class
	19-4-2025	Contd..
	20-4-2025	S. U. N. D. A. Y.
16	21-4-2025	Assignment
	22-4-2025	Class test
	23-4-2025	Revision of Unit-1
	24-4-2025	Contd..
	25-4-2025	Contd..
	26-4-2025	Revision of Unit-2
	27-4-2025	S. U. N. D. A. Y.

17	28-4-2025	Contd..
	29-4-2025	Revision of Unit-3
	30-4-2025	HOLIDAY: AKSHAY TRITYA
	01-05-2025	Revision of Unit-4
	02-05-2025	Discussion of Previous Year Questions
	03-05-2025	Discussion of Previous Year Questions
	04-05-2025	S. U. N. D. A. Y.

Signature