

SARASWATI MAHILA MAHAVIDYALAYA, PALWAL

LESSON PLAN

Class : B.A./B.Sc. (N.M. & C.S.)

Semester : 1st

Paper : Solid Geometry

Session : 2020-21

Lectures	Topic
	<u>UNIT:-1</u>
	<u>Ch-1</u> General Equation of Second Degree
	<u>Ch-2</u> Tracing of Conics
18	<u>Ch-3</u> System of Conics
	<u>Ch-4</u> Confocal Conics
	<u>Ch-5</u> Polar Equation of a Conic
2	Class Test and Discussion of Problems
	<u>UNIT-2</u>
	<u>Ch-6</u> Sphere, Plane section of a sphere, Co-axial system of spheres
18	<u>Ch-7</u> Cone, Right circular cone, enveloping cone, reciprocal cone
	<u>Ch-8</u> Cylinders

Lectures	Topic
1	Assignment
	<u>UNIT-3:</u>
	<u>Ch-9</u> The conicoid
15	<u>Ch-10</u> Plane sections of conicoids Enveloping cone of a conicoid Disectors Sphere
2	Class Test and Discussion of Doubts
	<u>UNIT-4</u>
	<u>Ch-11</u> Generating lines, Confocal conicoids
19	<u>Ch-12</u> Paraboloids, circular section, Plane sections of conicoids
	<u>Ch-13</u> Reduction of second degree Equations
10	Revision & Discussion of Previous Question Papers