

BLUE PRINT OF QUESTION PAPER

(INSTRUCTIONS TO PAPER SETTER)

B.A./B.Sc. MATHEMATICS SEMESTER-II,PAPER-II

SOLID GEOMETRY

NOTE: - Paper Setter Must select TWO Short Questions and TWO Easy Questions from Each Unit as Follows

UNIT	TOPICS	5 MARKS QUESTIONS	10 MARKS QUESTIONS
UNIT - I	Planes Introductions	2 (Problems)	-
	System of Planes & Bisecting Planes	-	1(Problem)
	Pair of Planes	-	1(Problem)
UNIT - II	Straight Lines First Part	2 (Problems)	-
	Image & coplanar Lines	-	1(Problem)
	Shortest Distance	-	1(Problem)
UNIT - III	Sphere Introduction	1(Problem)	-
	Plane Section of a Sphere	1(Problem)	1(Problem)
	Great Circle & Small Circle	-	1(Problem)
UNIT - IV	Tangent Plane	1(Problem)	-
	Angle of Intersection of Two Spheres & Orthogonal Spheres	1(Problem)	1(Problem)
	Limiting Points	-	1(Problem)
UNIT - V	Equation of a Cone Enveloping Cone	2(Problems)	-
	Vertex of a Cone Right Circular Cone	-	2(Problems)