

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	MA	SEMESTER	AUTUMN 2021
PAPER	TEACHING OF MATHEMATICS (6515)	TIME ALLOWED	03 HOURS

NOTE : ATTEMPT ANY FIVE QUESTION

Q. No.	Questions	Marks
Q.No.1	Determine relationship of mathematics with other subjects by highlighting its need and significance with examples.	20
Q.No2	Elaborate the importance and significance of project method for teaching of mathematics at secondary value.	20
Q.No3	Explain procedure for implementation of problem solving teaching methods in mathematics at secondary level.	20
Q.No4	Write procedures and steps to find intersection of Sets also give plan to teach commutative properties of sets by taking sets of your choice.	20
Q.No5	Develop a lesson plan to teach the derivation of quadratic formula for solution of quadratic education.	20
Q.No6	Explain the method to teach trigonometric ratios of angle of 60 Degree.	20
Q.No7	Derive laws of Logarithms. Also discuss its utilization in mathematics.	20
Q.No8	Write steps of construction for drawing angles of 90 and 120 degrees.	20