

College: **Science**

Department: **Mathematics**

Program: **B.Sc.(Mathematics)**

Code
MUP11

Assessment methods used to measure Student Learning Outcomes

Student Learning Outcome (Code)	Assessment Method
a1	Midterm ,quizzes examinations, exams to measure different mathematical ideas
a2	Midterm ,quizzes examinations, Report preparation, , group presentation
a3	Midterm ,quizzes examinations, Report preparation, , group presentation, general report, project
b1	Midterm ,quizzes examinations, exams to measure different mathematical ideas, reports
b2	Computers software program , Group discussion database, self-teaching, Oral discussion, Indirect problems
c1	group presentation, oral questions, Competition between

	different groups
c2	students to take responsibility to help managing the class, assigning different students to take over teaching to others
c3	oral questions, Competition between different groups, Teamwork assignments, General reports
d1	Giving different types of tests to measure the mathematical background of students, Making some oral tests, Making some individual oral tests discussing previous lectures in the start of new lectures
d2	Computers software program , quizzes and homework, Group discussion database, Keep choosing types of tests and exams to measure different mathematical ideas