

# Sargai International University

## SCHEME OF EXAMINATION FOR MASTER OF SCIENCE (M.SC) IN MATHEMATICS

**PROGRAMME CODE:** 030701

**CREDITS:** 80

**DURATION:** FOUR SEMESTERS

**ELIGIBILITY:** BACHELOR DEGREE

### FIRST SEMESTER

Sr. No	Paper Code	Paper Name	Credits	Internal Assessment Marks	Term End Exam	Total Marks
1	03070111	Algebra-I	4	30	70	100
2	03070112	Analysis-I	4	30	70	100
3	03070113	Functional Analysis	4	30	70	100
4	03070114	Partial Differential Equations	4	30	70	100
5	03070115	Differential Geometry	4	30	70	100

### SECOND SEMESTER

Sr. No	Paper Code	Paper Name	Credits	Internal Assessment Marks	Term End Exam	Total Marks
1	03070121	Algebra-II	4	30	70	100
2	03070122	Analysis-II	4	30	70	100
3	03070123	Linear Programming	4	30	70	100
4	03070124	Complex Analysis	4	30	70	100
5	03070125	Probability and Statistics	4	30	70	100

### THIRD SEMESTER

Sr. No	Paper Code	Paper Name	Credits	Internal Assessment Marks	Term End Exam	Total Marks
1		University Wide Paper I	4	30	70	100
2		University Wide Paper II	4	30	70	100
3		University Wide Paper III	4	30	70	100
4		University Wide Paper IV	4	30	70	100
5		University Wide Paper V	4	30	70	100