



# Technocrats Institute of Technology, Bhopal (M.P)

(A UGC Autonomous Institute Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal)

## Scheme of Examination

### First Semester\* Master of Computer Applications

S.No.	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem. Exam.	Tests (Two)	Assignments/ Presentation	End sem. Practical/ Viva	Practical Record/ Quiz/ Assignment/ Presentation	
1	MCA 101	Discrete Mathematics and Linear Algebra	2	1		3	70	20	10	-	-	100
2	MCA 102	Object Oriented Programming using C++ & Problem Solving	2	1		3	70	20	10	-	-	100
3	MCA 103	Data Structure and Applications	2	1		3	70	20	10	-	-	100
4	MCA 104	Operating system and Architecture	2	1		3	70	20	10	-	-	100
5	MCA 105	Software Engineering Methodologies	2	1		3	70	20	10	-	-	100
6	MCA 106	Object Oriented Programming using C++ & Problem Solving (Lab)	-	-	4	4	-	-	-	120	80	200
7	MCA 107	Operating System and Architecture (Lab)	-	-	2	2	-	-	-	30	20	50
<b>Total</b>			10	5	6	21	350	100	50	150	100	750

Note: In 106 Student must develop small application using C++ & Data Structure.

*(Signatures)*