

Mandsaur University			
2025 Scheme of Examination			
Semester	II	MCA	Master of Computer Applications

S. No.	Category	Theory/ Practical	Subject Code	Subject Name	Maximum Marks Allotted		Hours/Week			Credits	Total Marks	Elective Information		
					End Sem Test (EST)	Internal Evaluation Through CCE	L	T	P			Base Code	Elective Subject Code	Elective Subject Name
1		Theory	25ALS050T	Mathematical Foundation of Computer Science	60	40	3	1	-	4	100	25MCA160T/P	25MCA165T/P	Cloud Computing Concepts
2		Theory	25MCA300T	Linux Operating System	60	40	2	1	-	3	100		25MCA167T/P	Mathematics for Machine Learning
3		Theory	25MCA310T	Object Oriented Programming using Java	60	40	2	1	-	3	100		25MCA168T/P	Artificial Intelligence & Applications
4		Theory	25MCA320T	Data Structures and Algorithm Design	60	40	2	1	-	3	100			
5		Theory	25MCA160T	Elective - I	60	40	2	1	-	3	100			
6		Practical	25MCA300P	Linux Operating System	25	25	-	-	2	1	50			
7		Practical	25MCA310P	Object Oriented Programming using Java	25	25	-	-	2	1	50			
8		Practical	25MCA320P	Data Structures and Algorithm Design	25	25	-	-	2	1	50			
9		Practical	25MCA160P	Elective - I	25	25	-	-	2	1	50			
10		Practical	25MCA390P	Front-end Development Lab	50	50	-	-	8	4	100			
Total					450	350	11	5	16	24	800			

Prepared by
(BOS Coordinator)

Verified By
(HOD/BOS Chairperson)

Submitted by
(Dean Academics)

Approved by
(Vice Chancellor)