

**SCHEME OF EXAMINATION  
MASTER OF COMPUTER APPLICATIONS (MCA)**

SEMESTER - I								
Paper Code	Paper Title	Periods Per Week			C	Evaluation Scheme		
		L	T	P		CIA	ESE	Total
MCA-C101	Programming Fundamentals and C Language	4	0	0	4	30	70	100
MCA-C102	Software Engineering	4	0	0	4	30	70	100
MCA-C103	Computer System Architecture	3	1	0	4	30	70	100
MCA-C104	Mathematical Foundations for Computer Science	3	1	0	4	30	70	100
MCA-C105	Database Management System	4	0	0	4	30	70	100
MCA-C106	Operating Systems	4	0	0	4	30	70	100
MCA-C151	DBMS Lab	0	0	4	2	30	70	100
MCA-C152	C on Linux Lab	0	0	4	2	30	70	100
<b>TOTAL</b>		<b>22</b>	<b>2</b>	<b>8</b>	<b>28</b>			<b>800</b>
SEMESTER - II								
MCA-C201	Data Structures	4	0	0	4	30	70	100
MCA-C202	Computer Networks	3	1	0	4	30	70	100
MCA-C203	Theory of Computer Science	3	1	0	4	30	70	100
MCA-C204	Object Oriented Technology	4	0	0	4	30	70	100
MCA-O205	Online Course	4	0	0	4	-	-	-
MCA-E20X	Elective -I	4	0	0	4	30	70	100
MCA-C251	Data Structures Lab	0	0	4	2	30	70	100
MCA-C252	OOP Lab	0	0	4	2	30	70	100
<b>TOTAL</b>		<b>22</b>	<b>2</b>	<b>8</b>	<b>28</b>			<b>700</b>
SEMESTER - III								
MCA-C301	Machine Learning	4	0	0	4	30	70	100
MCA-C302	Cyber Security	4	0	0	4	30	70	100
MCA-C303	Cloud Computing	4	0	0	4	30	70	100
MCA-C304	Design and Analysis of Algorithms	4	0	0	4	30	70	100
MCA-O305	Online Course	4	0	0	4	-	-	-
MCA-E30X	ELECTIVE – II	4	0	0	4	30	70	100
MCA-C351	Python Programming Lab	0	0	6	3	30	70	100
MCA-C352	Web Technologies Lab	0	0	6	3	30	70	100
<b>TOTAL</b>		<b>24</b>	<b>0</b>	<b>12</b>	<b>30</b>			<b>700</b>
SEMESTER - IV								
MCA-C451	Major Project	0	0	40	20			400
<b>GRAND TOTAL</b>					<b>106</b>			<b>2600</b>
CIA: Continuous Internal Assessment					ESE: End Semester Examination			

  
**HEAD**  
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