SCHEME OF EXAMINATION

OF

MASTER OF COMPUTER ADMINISTRATION

FOR

First to Sixth Semester

(w.e.f. 2010 – 2013 Academic Session)

Eastern Institute For Integrated Learning in Management University
Jorethang, Sikkim

SCHEME OF EXAMINATIONS
MASTER OF COMPUTER ADMINISTRATION PROGRAMME

First Semester Examination

Code No.	Paper	L	T/P	Credits
MCA – 101	UCPF	3		3
MCA – 102	OACI	3		3
MCA – 103	Business Communication	3		3
MCA – 104	Understanding C	3		3
MCA – 105	Fundamentals Of Digital Electronics	3		3
MCA – 106	Personality Development & Communication Skills-I	3		3
MCA – 107	Practical Lab-I		4	4
	TOTAL	18	4	**22**

Second Semester Examination

Code No.	Paper	L	T/P	Credits
MCA – 101	Computer Architecture	3		3
MCA – 102	System Programming	3		3
MCA – 103	Object Oriented Design & Modeling	3		3
MCA – 104	Introduction To Software Engineering	3		3
MCA – 105	Organizational Behavior	3		3
MCA – 106	Personality Development & Communication Skills-II	3		3
MCA – 107	Practical Lab-II		4	4
	TOTAL	18	4	**22**

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Third Semester Examination

Code No.	Paper	L	T/P	Credits
MCA-301	File Structure And Database Concepts	3		3
MCA-302	Human Resource Management	3		3
MCA-303	Data Structures Using C	3		3
MCA-304	System Analysis, Design & Implements	3		3
MCA-305	Software Testing	3		3
	Elective I	3		3
MCA-306	Computer Graphics			
MCA-307	Web Authoring Tools			
MCA-308	Internet & Website Management			
MCA-309	Multimedia & Its Application			
MCA-310	Network Security And Cryptography			
MCA-311	E-Commerce			
MCA-312	E-Banking And Security Transactions			
MCA-313	Practical		4	4
	TOTAL	18	4	**22**

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Fourth Semester Examination

Code No.	Paper	L	T/P	Credits
MCA-401	Operating System	3		3
MCA-402	Data Communication	3		3
MCA-403	Programming In Visual Basic	3		3
MCA-404	Software Engineering	3		3
	ELECTIVE II	3		3
MCA-405	Knowledge Management & New Economy			
MCA-406	Management Information System			
MCA-407	Principles Of Management			
MCA-408	Datawarehouse And Data Mining			
MCA-409	Project Management			
MCA-410	Enterprise Resource Planning			
MCA-411	Distributed Databases			
	ELECTIVE III	3		3
MCA-412	Internet Programming And Cyber Law			
MCA-413	Mobile Computing			
MCA-414	Internet & Intranet			
MCA-415	Advanced Computer Networks			
MCA-416	Network Management			
MCA-417	Electronic & Data Communication			
MCA-418	IT Infrastructure			
Mca-419	Practical Lab-IV		4	4
	TOTAL	16	7	**22**

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Fifth Semester Examination

Code No.	Paper	L	T/P	Credits
MCA-501	R-DBMS	3		3
MCA-502	E-Information System in Business Management	3		3
MCA-503	Programming in Java	3		3
MCA-504	Personnel Management	3		3
	ELECTIVE IV	3		3
MCA-505	Advanced it Infrastructure			
MCA-506	Simulation And Modeling			
MCA-507	Parallel Processing			
MCA-508	Artificial Intelligence & Expert Systems			
MCA-509	Bio-Informatics			
MCA-510	Advanced Network Management			
MCA-511	Digital Image Processing			
	ELECTIVE V	3		3
MCA-512	Analysis & Design Of Computer Algorithms			
MCA-513	Linux Environment			
MCA-514	Net Frameworks			
MCA-515	Advanced Java			
MCA-516	Advance Web Technology			
MCA-517	Perl Environment			
MCA-518	Operation Research			
MCA-519	Practical Lab-V		4	4
	TOTAL	16	7	**22**

Sixth Semester Examination

Code No.	Paper	L	T/P	Credits
MCA – 601	Project	22		22
	TOTAL			**22**