

BHARATHIAR UNIVERSITY, COIMBATORE.
M. SC. COMPUTER COMMUNICATION WITH COMPULSORY DIPLOMA IN
SOFTWARE QUALITY ASSURANCE (Affiliated Colleges)
(Effective from the academic Year 2008-2009)

SCHEME OF EXAMINATIONS – CBCS PATTERN

Sem	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.	CIA	Marks	Total Marks	
Semester I								
I	Paper I	Data communications and Networking	4	3	25	75	100	4
	Paper II	Internetworking Technologies	5	3	25	75	100	4
	Paper III	Advanced Java programming	5	3	25	75	100	4
	Paper IV	Distributed Operating System	4	3	25	75	100	4
	Paper V	Wireless Mobile Communications	4	3	25	75	100	4
	Practical I	Advanced Java Programming Lab	5	3	40	60	100	6
	Elective / Dip. Paper I	Software Quality Assurance	3	3	25	75	100	3
II	Paper VI	Advanced Networking	5	3	25	75	100	4
	Paper VII	UNIX Network Programming	5	3	25	75	100	4
	Paper VIII	Web Services	5	3	25	75	100	4
	Paper IX	Special Elective – I	6	3	25	75	100	4
	Practical II	UNIX Network Programming Lab	6	3	40	60	100	6
	Elective / Dip. Paper II	Software Reliability	3	3	25	75	100	3
III	Paper X	Design of Network Operating System	5	3	25	75	100	4
	Paper XI	FDDI and ATM based Networks	5	3	25	75	100	4
	Paper XII	C# and .NET Framework	5	3	25	75	100	4
	Paper XIII	Special Elective – II	5	3	25	75	100	4
	Practical III	C# programming lab	4	3	40	60	100	6
	Elective / Dip. Paper III	Software Testing	3	3	25	75	100	3
	Elective / Dip. Paper IV	Software Testing Lab	3	3	40	60	100	3
IV	Project work and Viva voce						200*	8
	Total						2200	90

* Project report - 160 marks; Viva-voce – 40 marks

SPECIAL ELECTIVE – I FOR II SEM.

- E.1.1. High Speed Networks
- E.1.2. Neural Networks and Fuzzy Systems
- E.1.3. Multimedia
- E.1.4. Data Mining & Data Warehousing

SPECIAL ELECTIVE – II FOR III SEM

- E.2.1. Optical Fiber Communication
- E.2.2. Distributed Computing
- E.2.3. Real-Time Systems
- E.2.4. Mastering LAN & Troubleshooting

Note: The syllabi for the above papers be the same as prescribed for the academic year 2007-08