

Rajasthan Technical University, Kota
Teaching & Scheme of Examination for B.Tech. (Information Technology)
Session 2009-10 (Main Examination)

Sub. Code	Name of Subject	Teaching Periods			Duration of Exams (Hours)	Maximum Marks Allocation				
		L	T	P		Internal	End Term	Sessional	Practical	Total
5IT1	System Software	3	-	-	3	20	80	-	-	100
5IT2	E-Commerce	3	-	-	3	20	80	-	-	100
5IT3	Database Management Systems	3	1	-	3	20	80	-	-	100
5IT4	Computer Architecture	3	-	-	3	20	80	-	-	100
5IT5	Advanced Software Engineering	3	-	-	3	20	80	-	-	100
5IT6.1	Advanced Data Structures	3	-	-	3	20	80	-	-	100
5IT6.2	Simulation and Modeling									
5IT6.3	IT For Forensic Sciences									
Total		18	1	-	-	120	480	-	-	600
5IT7	System Software Lab	-	-	2+2	-	-	-	60	40	100
5IT8	E-Commerce Lab	-	-	2	-	-	-	60	40	100
5IT9	Database Lab	-	-	2+2	-	-	-	60	40	100
5IT10	UML Lab	-	-	2	-	-	-	30	20	50
Discipline & Extra Curricular Activities		-	-	-	-	-	-	-	-	50
Total		-	-	12	-	-	-	210	140	400
Grand Total		18	1	12	-	120	480	210	140	1,000

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		L	T	P		Internal	End Term	Sessional	Practical	Total
6IT1	Operating Systems	3	1	-	3	20	80	-	-	100
6IT2	Computer Networks	3	-	-	3	20	80	-	-	100
6IT3	Design and Analysis of Algorithms	3	-	-	3	20	80	-	-	100
6IT4	Web Technology	3	1	-	3	20	80	-	-	100
6IT5	Optical Communication	3	-	-	3	20	80	-	-	100
6IT6.1	Distributed Processing	3	-	-	3	20	80	-	-	100
6IT6.2	Advance Computer Architectures									
6IT6.3	IT Infrastructure management									
Total		18	2	-	-	120	480	-	-	600
6IT7	Shell Programming Lab	-	-	2+2	3	-	-	60	40	100
6IT8	Network Lab	-	-	2	3	-	-	45	30	75
6IT9	Design and Analysis of Algorithms Lab	-	-	2	3	-	-	45	30	75
6IT10	Web Technology Lab	-	-	2+2	3	-	-	60	40	100
Discipline & Extra Curricular Activities		-	-	-	-	-	-	-	-	50
Total		-	-	12	-	-	-	210	140	400
Grand Total		18	2	12	-	120	480	210	140	1,000

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Sub. Code	Name of Subject	Teaching Periods			Duration of Exams (Hours)	Maximum Marks Allocation				
		L	T	P		Internal	End Term	Sessional	Practical	Total
7IT1	Multimedia System	3	-	-	3	20	80	-	-	100
7IT2	Computer Graphics	3	-	-	3	20	80	-	-	100
7IT3	Electronic Design Automation	3	-	-	3	20	80	-	-	100
7IT4	Wireless Communication	3	-	-	3	20	80	-	-	100
7IT5	Information Protection and Security	3	-	-	3	20	80	-	-	100
7IT6.1	Web Services	3	-	-	3	20	80	-	-	100
7IT6.2	Real Time Systems									
7IT6.3	Bio Informatics									
Total		18		-	-	120	480	-	-	600
7IT7	Multimedia System Lab	-	-	2+2	3	-	-	45	30	75
7IT8	Computer Graphics Lab	-	-	2	3	-	-	30	20	50
7IT9	Electronic Design Automation Lab	-	-	2+2	3	-	-	45	30	75
7IT10	Project Stage I	-	-	2/2	-	-	-	30	20	50
7IT11	Practical Training Seminar	-	-	2	-	-	-	40+20	40	100
Discipline & Extra Curricular Activities		-	-	-	-	-	-	-	-	50
Total		-	-	13	-	-	-	210	140	400
Grand Total		18	-	13	-	120	480	210	140	1,000

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Sub. Code	Name of Subject	Teaching Periods			Duration of Exams (Hours)	Maximum Marks Allocation				
		L	T	P		Internal	End Term	Sessional	Practical	Total
8IT1	Data Mining and Warehousing	3	-	-	3	20	80	-	-	100
8IT2	ERP Systems	3	-	-	3	20	80	-	-	100
8IT3	Storage and Information Management	3	1	-	3	20	80	-	-	100
8IT4.1 8IT4.2 8IT4.3	Artificial Intelligence Mobile Computing Network Programming	3	-	-	3	20	80	-	-	100
Total		12	1	-	-	120	480	-	-	400
8IT5	Data Mining and Warehousing Lab	-	-	2+2	3	-	-	60	40	100
8IT6	Industrial Economics and Management Lab	-	-	2+2	3	-	-	45	30	75
8IT7	Web Programming Lab	-	-	2+2	3	-	-	45	30	75
8IT8	Project Stage II	-	-	2	-	-	-	120	80	200
8IT9	Seminar Presentation	-	-	2	-	-	-	-	-	100
Discipline & Extra Curricular Activities		-	-	-	-	-	-	-	-	50
Total		-	-	16	-	-	-	270	180	600
Grand Total		12	1	16	-	120	480	270	180	1,000