

## Appendix-A

## Scheme of Teaching and Examination for the Post Graduate Diploma in Plant Tissue Culture (One Year – Semester Pattern)

Sr. No.	Sub. Code No.	Paper / Practical No.	Subject	Teaching Scheme			Examination Scheme									Grand Total
				Theory	Practical	Total Periods / week	Theory				Practical					
							Duration of Papers (Hrs.)	Max. Marks Theory Papers	Max. Marks Internal Assessment	Total	Min. Pass Marks	Max. Marks	Max. Marks Internal Assessment	Total	Min. Pass Marks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Semester-I</b>																
1	1PTC1	I	Introduction to Basic Biology	4	-	4	3	40	10	50	20	--	--	--	--	50
2	1PTC2	II	Basic Plant Tissue Culture	4	-	4	3	40	10	50	20	--	--	--	--	50
3	1PTC3	III	Plant Development, Ezymology and Metabolism	4	-	4	3	40	10	50	20	--	--	--	--	50
4	1PTC4	IV	Instrumentation	4	-	4	3	40	10	50	20	--	--	--	--	50
5	1PTC5	P-I	Practical-I (Basic Biology and Basic Plant Tissue Culture)	-	6	6	--	--	--	--	--	40	10	50	20	50
6	1PTC6	P-II	Practical-II (Plant Development, Ezymology and Metabolism and Instrumentation)	-	6	6	--	--	--	--	--	40	10	50	20	50
			Total	16	12	28				200				100		300
<b>Semester-II</b>																
1	2PTC1	V	Plant Physiology	4	-	4	3	40	10	50	20	--	--	--	--	50
2	2PTC2	VI	Plant Propagation & Transformation	4	-	4	3	40	10	50	20	--	--	--	--	50
3	2PTC3	VII	Applied Plant Tissue Culture	4	-	4	3	40	10	50	20	--	--	--	--	50
4	2PTC4	VIII	Plant Biotechnology	4	-	4	3	40	10	50	20	--	--	--	--	50
5	2PTC5	P-III	Practical-III (Plant Physiology, Plant Propagation and Transformation, Applied Plant Tissue Culture and Plant Biotechnology)	-	6	6	--	--	--	--	--	40	10	50	20	50
6	2PTC6	P-IV	Project	-	6	6	--	--	--	--	--	--	--	50	20	50
			Total	16	12	28								100		300
Grand Total of Semester-I & II																600