

NIRMALA COLLEGE FOR WOMEN, COIMBATORE-18
M. Sc. CHEMISTRY
(For Candidates Admitted During the Academic Year 2015-2016 Batch & Onwards)
SCHEME OF EXAMINATIONS

Sem.	Subject Code	Course title	Ins.hrs/ week	Exam				Credit
				Dur.Hr	CIA	Marks	Total Marks	
I	15PCH1CO1	Paper - I Organic Chemistry – I (Organic reaction mechanism-I)	6	3	40	60	100	5
	15PCH1CO2	Paper - II Inorganic Chemistry – I (Solid state Chemistry & Nuclear chemistry)	6	3	40	60	100	5
	15PCH1EO1	Elective Paper I : Spectroscopy & Group theory	6	3	40	60	100	5
	15PCH2CP1	Practical - I Organic Chemistry – I	4	-	-	-	-	-
	15PCH2CP2	Practical - II Inorganic Chemistry – I	4	-	-	-	-	-
	15PCH2CP3	Practical - III Physical Chemistry – I	4	-	-	-	-	-
II	15PCH2CO3	Paper - III Organic Chemistry – II (Organic reaction mechanism-II)	6	3	40	60	100	5
	15PCH2CO4	Paper - IV Physical Chemistry-I (Quantum chemistry & Spectroscopy)	6	3	40	60	100	5
	15PCH2EO2	Elective Paper II Physical Methods in	6	3	40	60	100	5
	15PCH2CP1	Practical - I Organic Chemistry – I	4	6	40	60	100	5
	15PCH2CP2	Practical - II Inorganic Chemistry – I	4	6	40	60	100	5
	15PCH2CP3	Practical - III Physical Chemistry – I	4	6	40	60	100	5
III	15PCH3CO5	Paper - V Organic Chemistry – III (Chemistry of Natural Products)	6	3	40	60	100	5
	15PCH3CO6	Paper - VI Physical Chemistry – II (Thermodynamics)	6	3	40	60	100	5
	15PCH3EO3	Elective Paper III- Corrosion Chemistry and Nano Chemistry	6	3	40	60	100	5
	15PCH4CP4	Practical - IV Organic Chemistry - II	4	-	-	-	-	-
	15PCH4CP5	Practical - V Inorganic Chemistry - II	4	-	-	-	-	-
	15PCH4CP6	Practical - VI Physical Chemistry - II	4	-	-	-	-	-
IV	15PCH4C07	Paper - VII Inorganic Chemistry – II (Coordination chemistry)	6	3	40	60	100	5
	15PCH4C08	Paper - VIII Physical Chemistry – III (Reaction kinetics)	6	3	40	60	100	5
	15PCH4CP4	Practical - IV Organic Chemistry - II	4	6	40	60	100	5
	15PCH4CP5	Practical - V Inorganic Chemistry - II	4	6	40	60	100	5
	15PCH4CP6	Practical - VI Physical Chemistry - II	4	6	40	60	100	5
	15PCH4EO4	Elective -IV Project Work	6	-	50	50	100	5
		TOTAL					1800	90