

BHARATHIAR UNIVERSITY (CBCS PATTERN)
SCHEME OF EXAMINATION
M.SC. METEOROLOGY (CBCS PATTERN)

For the students admitted during the academic year 2010-2011 Batch onwards

Study Components / Course Title	Inst. Hours/ Week	Examination				Credit
		Duration	CIA@	Uni. Exam	Total	
Semester I						
GENERAL METEOROLOGY	5	3	25	75	100	4
OBSERVATION & INSTRUMENTS	5	3	25	75	100	4
SYNOPTIC METEOROLOGY – I	5	3	25	75	100	4
PHYSICAL METEOROLOGY – I	4	3	25	75	100	4
CLIMATOLOGY & STATISTICS – I	5	3	25	75	100	4
PRACTICAL – I : INSTRUMENTS AND OBSERVATIONAL PRACTICES	3		-	-	-	-
Elective/Dip. I - AVIATION METEOROLOGY – I	3	3	25	75	100	4
Semester II						
DYNAMIC METEOROLOGY – I	6	3	25	75	100	4
SYNOPTIC METEOROLOGY – II	6	3	25	75	100	4
SATELLITE METEOROLOGY – I	6	3	25	75	100	4
CLIMATOLOGY AND STATISTICS – II	5	3	25	75	100	4
PRACTICAL – I : INSTRUMENTS AND OBSERVATIONAL PRACTICES	-	3	40	60	100	4
PRACTICAL - II : APPLIED METEOROLOGY & LAB PRACTICES	4	3	40	60	100	4
Elective/Dip. II – AVIATION METEOROLOGY II	3	3	25	75	100	4
Semester III						
DYNAMIC METEOROLOGY – II	5		25	75	100	4
SATELLITE METEOROLOGY – II	5		25	75	100	4
PHYSICAL METEOROLOGY – II	5		25	75	100	4
NUMERICAL WEATHER PREDICTION	6		25	75	100	4
PRACTICAL - III : ANALYSIS AND PROGNOSIS	6	-	-	-	-	-
Elective/Dip. III – AVIATION METEOROLOGY – III	3		25	75	100	4
Semester IV						
PRACTICAL – III – ANALYSIS AND PROGNOSIS	6		40	60	100	4
PROJECT WORK	18		40	160	200	8
Elective/Dip. IV – PRACTICAL – I	3		30	45	75	3
Elective/Dip. IV – PRACTICAL – II	3		30	45	75	3
Total					2250	90

Electives/Diplomas : List of Group Elective papers (Colleges can choose any one of the Group elective papers as electives)

	GROUP A	GROUP B	GROUP C
Paper I/ Sem I	AVIATION METEOROLOGY – I	ELEMENTS OF CLIMATE	SYNOPTIC TECHNIQUES AND THERMODYNAMIC DIAGRAMS
Paper II/ Sem II	AVIATION METEOROLOGY II	REGIONAL CLIMATOLOGY	SATELLITE AND RADAR TECHNIQUES
Paper III/ Sem III	AVIATION METEOROLOGY – III	APPLICATION OF STATISTICS IN CLIMATOLOGY	STATISTICAL AND NWP TECHNIQUES
Paper IV/ Sem IV	PRACTICAL – I PRACTICAL – II	PRACTICAL – I PRACTICAL – II	PRACTICAL – I PRACTICAL – II

- Notes: 1. The syllabus for the above papers (except Group Electives B & C) be the same as prescribed for the academic year 2007-08. The Diploma papers are renamed as Group Elective papers.
2. The syllabus for Group Electives B & C be the same as prescribed for the academic year 2009-10.