

BHARATHIAR UNIVERSITY, COIMBATORE.
M. Sc. BOTANY DEGREE COURSE (AFFILIATED COLLEGES)
(Restructurized syllabi with effect from the academic Year 2010-2011)
SCHEME OF EXAMINATIONS – CBCS PATTERN

Sem.	Study Components	Course title	Ins. hrs/ week	Examinations			Credit	
				Dur. Hrs.	CIA	Marks		Total Marks
I	Paper I Phycology, Mycology, Bacteriology & Lichenology.		5	3	25	75	100	4
	Paper II Bryophytes, Pteridophytes & Gymnosperms.		5	3	25	75	100	4
	Paper III Genetics, Plant Breeding & Biostatistics.		5	3	25	75	100	4
	Paper IV Cell & Molecular Biology.		5	3	25	75	100	4
	Elective-I Introduction to Bioinformatics (Without Practical Examination)		5	3	25	75	100	4
II	Paper V Anatomy, Embryology & Tissue Culture.		5	3	25	75	100	4
	Paper VI Environmental Botany & Conservation Biology.		5	3	25	75	100	4
	Paper VII Seed Technology		5	3	25	75	100	4
	Paper VIII Industrial Microbiology		5	3	25	75	100	4
	Elective-II Phytopathology / Wood Science & Technology. (Without Practical Examination)		5	3	25	75	100	4
	Practical - I (Papers I to IV)		5	3	25	75	100	4
	Practical - II (Papers V to VIII)		5	3	40	60	100	4
III	Paper IX Biotechnology & Genetic Engineering		5	3	25	75	100	4
	Paper X Plant Physiology & Biochemistry		5	3	25	75	100	4
	Paper XI Taxonomy & Biosystematics		5	3	25	75	100	4
	Paper XII Ethnobotany		5	3	25	75	100	4
	Elective-III Limnology/Modern Trends in Taxonomy/ Physiological Embryology of Angiosperm. (Without Practical Examination)		5	3	25	75	100	4
IV	Paper XIII Forest Botany		5	3	25	75	100	4
	Elective- IV Food Science & Nutrition /Horticulture (Without Practical Examination)		5	3	25	75	100	4
	Practical - III (Papers IX & X)		5	3	40	60	100	4
	Practical - IV Papers (XI, XII & XIII)		5	3	40	60	100	4
	Project & Viva-voce Examination		10	-	-	-	150	6
	Total						2250	90

* Project report – 120 marks; Viva-voce – 30 marks

Project & Method of implementation & evaluation.

- Based on the strength, students will be allotted to staff members evenly in the first week after reopening the college.
- Students are permitted to collect relevant literature in the field concerned during working days without disturbing the normal classes.
- After making Protocol, experiments in the respective fields will be conducted by the students in the laboratory and field according to their need.
- Periodical review meetings will be conducted with the students by the staff members to assess the progress of the work.
- After getting the data of findings during the month of Feb. to March, students will be guided to write the dissertation.
- The dissertation will be corrected thoroughly by the respective guides and then permitted to submit to HOD.
- The dissertations will be evaluated as follows :
 1. Internal evaluation by guide - 60 marks
 2. External evaluation by external examiner - 60 marks
 3. Viva-voce examination - 30 marks(By External & HOD)

Note :

The syllabi for the above papers be the same as **M.Sc. Plant Science & Plant Biotechnology** degree course prescribed for the academic year 2007- 08.