

BHARATHIAR UNIVERSITY::COIMBATORE-641 046

Branch II : B. Sc. STATISTICS (CBCS PATTERN)

(For the students admitted from the academic year 2010-2011 and onwards)

Scheme of Examination

Part	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.Hrs	CIA	Marks	Total Marks	
Semester I								
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core Paper I - Descriptive Statistics-I		3	3	25	75	100	4
III	Core Paper II- Descriptive Statistics-II		3	3	25	75	100	4
	Core Practical-1 (Using Computers – MS Excel)		2	-	-	-	-	-
III	Allied A : Paper I - Mathematics for Statistics-I		8	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
Semester II								
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core Paper III Applied Statistics		5	3	25	75	100	4
III	Core Practical-I (Using Computers – MS Excel)		2	3	30	45	75	3
III	Allied A: Paper II Mathematics for Statistics-II		9	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
Semester III								
I	Language – III		6	3	25	75	100	4
II	English – III		6	3	25	75	100	4
III	Core Paper IV- Demographic methods		3	3	25	75	100	4
III	Core Paper V- Probability Distribution-I		3	3	25	75	100	4
III	Allied B - Paper I - Computer programming for Statistical Analysis-I		5	3	20	55	75	3
	Allied Practical (C & C++ programming)		2	-	-	-	-	-
IV	Skill based Subject - Actuarial Statistics - I		3	3	20	55	75	3
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women's Rights#		2	3	50	50	50	2

Semester IV							
I	Language – IV	6	3	25	75	100	4
II	English – IV	6	3	25	75	100	4
III	Core Paper VI - Probability Distribution-II	4	3	25	75	100	4
	Core Practical II	2	3	30	45	75	3
III	Allied B : Paper II – Computer programming for Statistical Analysis-II	5	3	20	55	75	3
III	Allied Practical (C & C++ programming)	2	3	20	30	50	2
IV	Skill based Subject 2 - Actuarial Statistics - II	3	3	20	55	75	3
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	50		50	2
Semester V							
III	Core Paper VII- Statistical inference-I	5	3	25	75	100	4
III	Core Paper VIII- Basic Sampling theory	5	3	25	75	100	4
III	Core Paper IX- Design of Experiments	5	3	25	75	100	4
	Core Practical III(Using statistical software package)	2	3	-	-	-	-
III	Core Paper X- Numerical Mathematics	5	3	25	75	100	4
III	Elective I	5	3	20	55	75	3
IV	Skill based Subject 3 - Actuarial Statistics - III	3	3	20	55	75	3
Semester VI							
III	Core Paper XI - Statistical inference -II	5	3	25	75	100	4
III	Core Paper XII Statistical Quality Control	5	3	25	75	100	4
	Core Practical-III (Using statistical software package)	2	3	30	45	75	3
III	Elective II	5	3	20	55	75	3
III	Elective III	5	3	20	55	75	3
	Practical-IV (Using Calculator)	5	3	40	60	100	4
IV	Skill Based Subject 4 - Actuarial Statistics - IV	3	3	20	55	75	3
V	Extension Activities @	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

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List of Elective papers (Colleges can choose any one of the paper as electives)		
Elective – I	A	Psychological Statistics
	B	Mathematical Economics I
	C	COBOL Programming
Elective – II	A	Elements of Econometrics
	B	Indian Official Statistics
	C	Genetical Statistics
Elective - III	A	Operations Research
	B	Mathematical Economics II
	C	Quantitative Techniques for Managerial decisions