

COURSE STRUCTURE AND SCHEME OF EXAMINATION of B.Sc. Bio-Tech.

SEMESTER-I

Course No.	Course Name	Marks in(Theory+I.A)		Total Marks	Period per week	Exam. Duration
BT101	English	40	10	50	4	3Hours
BT102	Plant Diversity land Bioprospecting	40	10	50	4	3Hours
BT-103	Cell Biology	40	10	50	4	3Hours
BT-104	Biochemistry and Metabolism	40	10	50	4	3Hours
BT105	Physical Chemistry	40	10	50	4	3Hours
BT-106	Inorganic Chemistry	40	10	50	4	3Hours
BT-107	Organic Chemistry	40	10	50	4	3Hours
BT-108	LabCourseI,BT-105-107	50	-	50	5	4hrs
BT-109	LabCourseII,BT-101 104	100	-	100	10	8hrs
	Total			500		

The Course Content of Chemistry will be same as that of Chemistry of B.Sc.(Medical)

SEMESTER-II

Course No.	CourseName	Marks in Theo.+I.A		Total Marks	Period Per week	Exam.Duration
BT201	Biostatistics	40	10	50	4	3Hours
BT202	Microbiology	40	10	50	4	3Hours
BT-203	Genetics	40	10	50	4	3Hours
BT204	Animal Diversity & Economic Zoology	40	10	50	4	3Hours
BT-205	Physical Chemistry	40	10	50	4	3Hours
BT206	Organic Chemistry	40	10	50	4	3Hours
BT-207	Inorganic Chemistry	40	10	50	4	3Hours
BT208	Seminar and term paper writing on Biostatistics/ Microbiology/ Genetics / Animal Diversity		50	50		
BT-209	Lab Course – IBT205-207	50		50	5	4hrs
BT-210	Lab Course-II, 201-204	100	--	100	10	8hrs
	Total			550		

The Course Content of Chemistry will be same as that of Chemistry of B.Sc.(Medical)

SEMESTER-III

Course No.	Course Name	Marks in Theo.+I.A		Total Marks	Periods per week	Exam. duration
BT301	Medical Microbiology	40	10	50	4	3Hours
BT302	Bioanalytical Tools	40	10	50	4	3Hours
BT303	Plant Physiology	40	10	50	4	3Hours
BT304	Plant Diversity II	40	10	50	4	3Hours
BT-305	Physical Chemistry	40	10	50	4	3Hours
BT-306	Organic Chemistry	40	10	50	4	3Hours
BT-307	Inorganic Chemistry	40	10	50	4	3Hours
BT-308	Lab Course-IBT-305 to BT-307	50	-	50	5	8hrs
BT-309	Lab Course-II BT-301 to 304	100	-	100	10	44hrs
	Total			500		

The Course Content of Chemistry will be same as that of Chemistry of B.Sc.(Medical)

SEMESTER-IV

CourseNo	CourseName	Marksin		Total marks	Periodspe r Week	Exam. Duration
		Theo	+I.A.			
BT401	AnimalDiversityII	40	10	50	4	3Hours
BT402	MolecularBiology	40	10	50	4	3Hours
BT-403	AnimalDevelopmentalBiology	40	10	50	4	3Hours
BT404	MammalianPhysiology	40	10	50	4	3Hours
BT-405	PhysicalChemistry	40	10	50	4	3Hours
BT-406	OrganicChemistry	40	10	50	4	3Hours
BT-407	InorganicChemistry	40	10	50	4	3Hours
BT408	Seminar and term paper writing onMolecularBiology/AnimalDevelop mental biology/Physiology		50	50	---	
BT-409	LabCourse-I: BT405toBT -407	50		50	5	4hrs
BT-411	LabCourseII:BT-401-404	100		100	10	8hrs
	Total			550		

The Course Content of Chemistry will be same as that of Chemistry of B.Sc.(Medical)

SEMESTER-V

Course No.	Course Name	Marks in (Theory+I.A)		Total Marks	Periods per Week	Exam. Duration
BT501	Bioinformatics	40	10	50	4	3Hours
BT502	RecombinantDNATechnology	40	10	50	4	3Hours
BT-503	Immunology	40	10	50	4	3Hours
BT504	Genomic&Proteomics	40	10	50	4	3Hours
BT-505	PhysicalChemistry	40	10	50	4	3Hours
BT-506	OrganicChemistry	40	10	50	4	3Hours
BT-507	InorganicChemistry	40	10	50	4	3Hours
BT-508	Lab Course-IBT-505toBT-507	50	-	50	5	-8 hrs
BBT-509	LabCourse-II BT-501toBT-504	-100	-	100	10	-4 hrs
	Total			500		

SEMESTER-VI

Course No.	Course Name	Marks		Total marks	Periods per Week	Time
		in Theo.	+I.A			
BT601	I.P.R., Entrepreneurship Bio-ethics & Bio Safety	40	10	50	4	3Hours
BT602	Animal Biotechnology	40	10	50	4	3Hours
BT-603	Bioprocess Technology	40	10	50	4	3Hours
BT604	Plant Biotechnology & Environmental Biotechnology	40	10	50	4	3Hours
BT-605	Physical Chemistry	40	10	50	4	3Hours
BT-606	Organic Chemistry	40	10	50	4	3Hours
BT-607	Inorganic Chemistry	40	10	50	4	3Hours
BT608	Project report and presentation	-	50	50	-	
BT-609	Lab Course-IBT-605-607	50	-	50	5	4hrs
BT-610	Lab Course IIBT-601-604	-100		100	10	8hrs
	Total			550		

The Course Content of Chemistry will be same as that of Chemistry of B.Sc.(Medical)