



Mandsaur University

Scheme of Examination

Department of Life Science

Bachelor of Science (HONS.) (Biotechnology)

Semester I

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT010	Biochemistry & Metabolism	60	30	10	50	-	-	3	1	4	6	150
2	BIT020	Cell Biology	60	30	10	50	-	-	3	1	4	6	150
3	BIT151	English	60	30	10	-	-	-	3	1	-	4	100
4	BIT032	Biotechnology & Human Welfare	60	30	10	50	-	-	3	1	4	6	150
5	BIT160	Seminar I	-	-	-	-	-	50	2	-	-	2	50
-	-	-	-	-	-	-	-	-	-	-	-	-	0
Total									14	4	12	24	600

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Vice Chancellor



Mandsaur University

Scheme of Examination

Department of Life Science

Bachleor of Science (Hons.) Biotechnology

Semester II

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT040	Mammalian Physiology	60	30	10	50	-	-	3	1	4	6	150
2	BIT050	Plant Physiology	60	30	10	50	-	-	3	1	4	6	150
3	BIT152	Environmental Studies	60	30	10	-	-	-	3	1	-	4	100
4	BIT062	Developmental Biology	60	30	10	50	-	-	3	1	4	6	150
5	BIT170	Seminar II	-	-	-	-	-	50	2	-	-	2	50
Total									14	4	12	24	600

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Department of Life Science
Bachelor of Science (Hons.) Biotechnology
Semester III

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT180	Genetics	60	30	10	50	-	-	3	-	4	5	150
2	BIT190	General Microbiology	60	30	10	50	-	-	3	-	4	5	150
3	BIT200	Chemistry I	60	30	10	50	-	-	4	-	4	6	150
4	BIT212	Industrial Fermentation	60	30	10	-	-	-	4	-	-	4	100
5	BIT061	Entrepreneurship Development	30	10	10	-	-	-	2	-	0	2	50
Total									16	0	12	22	600

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Department of Life Science
 Bachelor of Science (Hons.) Biotechnology
 Semester IV

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT220	Molecular Biology	60	30	10	50	-	-	3	-	4	5	150
2	BIT230	Immunology	60	30	10	50	-	-	3	-	4	5	150
3	BIT240	Chemistry II	60	30	10	50	-	-	4	-	4	6	150
4	BIT213	Basics of Forensic science	60	30	10	-	-	-	4	-	-	4	100
5	BIT031	Bioethics & Biosafety	30	10	10	-	-	-	2	-	0	2	50
Total									16	0	12	22	600

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Department of Life Science

Bachelor of Science (Hons.) Biotechnology

Semester V

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT250	Bioprocess Technology	60	30	10	50	-	-	4	-	4	6	150
2	BIT260	Recombinant DNA Technology	60	30	10	50	-	-	4	-	4	6	150
3	BIT270	Elective-I	60	30	10	50	-	-	3	-	4	5	150
4	BIT280	Elective-II	60	30	10	-	-	-	3	-	-	3	100
5	BIT290	Project Work & Seminar	-	-	-	50	-	-	-	-	4	2	50
Total									14	0	16	22	600

Elective-I	
BIT271	Bioinformatics
BIT272	Environmental Biotechnology
Elective-II	
BIT281	Animal Biotechnology
BIT282	Plant Diversity
BIT283	Biostatistics

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 Bachelor of Science (Hons.) Biotechnology
 Semester VI

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Total Marks
			Theory			Practical			L	T	P		
			End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation					
1	BIT300	Bio Analytical Tools	60	30	10	50	-	-	3	-	4	5	150
2	BIT310	Genomics & Proteomics	60	30	10	50	-	-	3	-	4	5	150
3	BIT320	Elective-III	60	30	10	50	-	-	4	-	4	6	150
4	BIT330	Elective-IV	60	30	10	-	-	-	4	-	-	4	100
5	BIT340	Project Work & Viva Voce	-	-	-	50	-	-	-	-	4	2	50
Total									14	0	16	22	600

Elective-III	
BIT321	Industrial Chemistry
BIT322	Ecology & Environmental Management
Elective-VI	
BIT331	Animal Diversity
BIT332	Plant Biotechnology

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