

SCHEME OF EXAMINATION

Subject Code	Subject	Hrs of Instruction	Exam Duration (Hrs)	Max Marks			Credit Points
				CA	CE	Total	
FIRST SEMESTER							
Part I							
18UTALA101/ 18UHILA101/ 18UFRLA101	Tamil I /Hindi I/ French I	5	3	25	75	100	3
Part II							
18UENLA101	English I	5	3	25	75	100	3
Part III							
18UMBM101	Core I: Basics in Microbiology	5	3	25	75	100	5
18UCHMBA101	Allied I: Chemistry	4	3	25	75	100	2
18UMBMP101	Core Practical I	6	6	40	60	100	3
18UCHMBAP101	Allied Practical I: Volumetric and organic analysis	3	3	40	60	100	2
Part IV							
18UVE101	Value Education I: Yoga	2	3	25	75	100	2
		30				700	20
SECOND SEMESTER							
Part I							
18UTALA201/ 18UHILA201/ 18UFRLA201	Tamil II /Hindi II/ French II	5	3	25	75	100	3
Part II							
18UENLA201	English II	5	3	25	75	100	3
Part III							
18UMBM201	Core II: Microbial Taxonomy and Physiology	6	3	25	75	100	5
18UBCMBA201	Allied II: Computer for biology	4	3	25	75	100	2
18UMBMP201	Core Practical II	6	6	40	60	100	3
18UBCMBAP201	Allied Practical II: Office package for biology	2	3	40	60	100	2
Part IV							
18UVE201	Value Education II: Environmental Studies	2	3	25	75	100	2
		30				700	20

THIRD SEMESTER							
Part I							
18UTALA301/ 18UHILA301/ 18UFRLA301	Tamil III / Hindi III/ French III	5	3	25	75	100	3
Part II							
18UENLA301	English III	5	3	25	75	100	3
Part III							
18UMBM301	Core III: Molecular Biology	5	3	25	75	100	5
18UBCMBA301	Allied III: Biochemistry	3	3	25	75	100	2
18UMBMP301	Core Practical III	3	6	40	60	100	3
18UBCMBAP301	Allied Practical III: Biochemistry	3	3	40	60	100	2
Part IV							
18UMBSB301	SBC I : Bioinstrumentation (100% Internal)	2	3	25	75	100	2
	NMEC I	2	3	25	75	100	2
Part V (Non credit)							
18ULS301	Career Competency Skills I	1					-
	Add on course	1	3		100	100	
		30				800	22
FOURTH SEMESTER							
Part I							
18UTALA401/ 18UHILA401/ 18UFRLA401	Tamil IV/ Hindi IV/ French IV	5	3	25	75	100	3
Part II							
18UENLA401	English IV	5	3	25	75	100	3
Part III							
18UMBM401	Core IV: Immunology	5	3	25	75	100	5
18UMAMBA401	Allied V: Biostatistics	4	3	25	75	100	2
18UMBMP401	Core Practical IV	3	6	40	60	100	3
18UCSMBAP401	Allied Practical IV: Statistical Software	2	3	40	60	100	2
Part IV							
18UMBSBP401	SBC II : Practical I (External Evaluation)	2	3	40	60	100	2
	NMEC II	2	3	25	75	100	2
Part V (Non credit)							
18ULS401	Career Competency Skills II	1					
	Add on course	1	3		100	100	
		30				800	22

FIFTH SEMESTER							
Part III							
18UMBM501	Core V: Fundamentals of Virology	5	3	25	75	100	5
18UMBM502	Core VI: Environmental Microbiology	4	3	25	75	100	4
18UMBM503	Core VII: Soil and Agricultural Microbiology	4	3	25	75	100	4
18UMBM504	Core VIII: Medical Bacteriology	5	3	25	75	100	5
	Elective I	4	3	25	75	100	4
18UMBMP501	Core Practical V	5	6	40	60	100	3
Part IV							
18UMBSB501	SBC III : Microbial Technology	2	3	100	-	100	2
Part V							
18UMBE501	Extension Activity	-	-	-	-	-	2
18ULS501	Career Competency Skills III	1					
		30				700	29
SIXTH SEMESTER							
Part III							
18UMBM601	Core IX: Fermentation Technology	5	3	25	75	100	5
18UMBM602	Core X: Genetic Engineering	5	3	25	75	100	5
18UMBM603	Core XI : Food and Dairy Microbiology	4	3	25	75	100	4
	Elective II	4	3	25	75	100	4
18UMBMP601	Core Practical VI	5	6	40	60	100	3
18UMBIP601	Internship and Viva-Voce	4	-	40	60	100	4
Part IV							
18UMBSBP601	SBC IV: Practical II: (External Evaluation)	2	3	40	60	100	2
Part V							
18ULS601	Career Competency Skills IV	1					
		30				700	27
Grand Total						4400	140

Non Major Elective Course (NMEC)

Course Code	Subject	Semester
18UMBNM301	Personal Hygiene	III
18UMBNM401	Microbes and Human health	IV

Add-on Course

Course Code	Subject	Semester
18UMBAC301	Mushroom Technology	III
18UMBAC401	Microbiology for social welfare	IV

Advanced Learners Course

Course Code	Subject	Semester
18UMBAL401	Biofertilizer Technology	IV
18UMBAL501	Marine Microbiology	V

ELECTIVE

The students shall opt one of the following subjects as Elective in fifth & sixth semester

Elective	Subject code	Subject
Elective I	18UMBEL501	Medical Mycology and Parasitology
	18UMBEL502	Nano Microbiology
Elective II	18UMBEL601	Pharmaceutical Microbiology
	18UMBEL602	Basic and Applied Botany

TOTAL MARKS AND CREDIT DISTRIBUTION

S.No.	PART	MARKS	NO. CREDITS
1.	PART I: Language	400	12
2.	PART II: Foundation English	400	12
3.	PART III : Core, Allied and Elective	2800	98
4.	PART IV: Value Education (Yoga) Environmental Studies NMEC and SBC	800	16
5.	PART V: Extension Activity	000	02
TOTAL		(4400)	(140)