

BHARATHIAR UNIVERSITY, COIMBATORE – 641 046
B.Sc., MICROBIOLOGY DEGREE COURSE
CBCS - OBE PATTERN : (AFFILIATED COLLEGES)

Revised Scheme of Examination for 2022-23 Batch Students

Part	Study Components	Course Title	Course / Subject Code	Ins. hrs / Week	Examinations				Credits
					Dur.	CIA	Marks	Total Marks	
SEMESTER – II									
I	Language – II		21T/M/H/F	6	3	50	50	100	4
II	English – II		22E	4	3	25	25	50*	2
	Language Proficiency for Employability			2	-	25	25	50**	2
	http://kb.naanmudhalvan.in/Special:Filepath/Camb ridge_Course_Details.pdf								
III	Core Paper – II : Analytical Microbiology		23A	4	3	50	50	100	4
III	Core Paper – III : General Biology		23B	3	3	50	50	100	4
III	Core Practical – I		23P	3	6	30	45	75	3
III	Allied – A : Paper – II: Biostatistics and Computer Applications – II		2AB	4	3	30	45	75	3
III	Allied Practical – I (Biostatistics and Computer Applications)		2PB	2	3	25	25	50	2
IV	Value Education – Human Rights #		2FB	2	3	-	50	50	2
	TOTAL			30	27	285	365	650	26
Swatch Bharath Summer Internship									
SEMESTER – III									
I	Language – III		31T/M/H/F	6	3	50	50	100	4
II	English – III		32E	6	3	50	50	100	4
III	Core Paper – IV : Microbial Diversity		33A	4	3	50	50	100	4
III	Core Practical – II		43P	3	-	-	-	-	-
III	Allied – B : Paper – I: Biochemistry – I / Zoology – I		3AC	4	3	30	45	75	3
III	Allied Practical – II		43Q	2	-	-	-	-	-
IV	Skill based Subject – I: Diagnostic Microbiology – I		3ZA	3	3	30	45	75	3
IV	Tamil @ / Advanced Tamil # (OR) Non – Major Elective – I (Yoga for Human Excellence # / Women’s Rights #)		3FD	2	3	-	50	50	2
	TOTAL			30	18	210	290	500	20

	SEMESTER – IV							
I	Language – IV	41T/M/H /F	6	3	50	50	100	4
II	English – IV	42E	6	3	50	50	100	4
III	Core Paper – V : Microbial Physiology	43A	4	3	50	50	100	4
III	Core Practical – II	43P	4	6	50	50	100	4
III	Allied – B : Paper – II: Biochemistry – II /Zoology –II	4AC	4	3	30	45	75	3
III	Allied Practical – II	43Q	2	3	25	25	50	2
IV	NAAN MUDHALVAN-Digital Skills for employability – Office Fundamentals		2	-	25	25	50*	2
	http://kb.naanmudhalvan.in/Special:Filepath/Microsoft.-Course_details_.xlsx							
I V	Tamil @ / Advanced Tamil # (OR) Non – Major Elective – II (General Awareness #)	4FA	2	3	-	50	50	2
	TOTAL		30	24	280	345	625	25
	SEMESTER – V							
III	Core Paper – VI : Microbial Genetics	53A	5	3	50	50	100	4
III	Core Paper – VII : Principles of Immunology	53B	5	3	50	50	100	4
III	Core Paper – VIII : Food Microbiology	53C	4	3	50	50	100	4
III	Core Paper – IX : Medical Microbiology	53D	4	3	50	50	100	4
III	Elective – I	5EA	4	3	50	50	100	4
III	Core Practical – III	63P	5	-	-	-	-	-
IV	Skill based Subject – II: Diagnostic Microbiology – II	5ZC	3	3	30	45	75	3
	TOTAL		30	18	280	295	575	23
	SEMESTER – VI							
III	Core Paper – X: Industrial Microbiology	63A	5	3	50	50	100	4
III	Core Paper – XI : Environmental and Agricultural Microbiology	63B	5	3	50	50	100	4
III	Core Paper – XII : Virology	63C	4	3	50	50	100	4
III	Elective – II	6EA	4	3	50	50	100	4
III	Elective – III	6ED	4	3	50	50	100	4
III	Core Practical – III	63P	5	9	40	60	100	4
IV	Skill based Subject – Practical	6ZP	3	6	30	45	75	3
IV	Extension activities @	67A	-	-	50	-	50	2
IV	Employability readiness – Naandi – Naan Mudhalvan course		20	-	-	-	-	-
	TOTAL		30	30	370	355	725	29

Institutional training / Internship: Students should undergo an institutional training / Internship for a continuous period of 15days before semester VI. It is evidenced by certificate issued by the Principal of the College.

@ No University Examinations. Only Continuous Internal Assessment

(CIA).# No Continuous Internal Assessment (CIA). Only University

Examinations.

*** Swatch Bharath Summer Internship is mandatory – Extra 2 credit points would be given.**

- *English II – University Semester examination will be conducted for 50 marks (As per existing pattern of examination) and it will be converted for 25 marks.
- **Naan Mudhalvan – Skill Courses –external 25 marks will be assessed by Industry and internal will be offered by respective course teacher.

