

**Kadi Sarva Vishwavidyalaya, Gandhinagar**

**B.Sc Mathematics Semester 2 Structure**

**Marking Scheme**

**(Scheme of Teaching and Evaluation for B.Sc Mathematics Program (Basic/Honours) aligning to NEP - 2020 as per Govt. of Gujarat Dated 11/07/2023)**

**B.Sc Mathematics Semester - II (First Year)**

S. N.	Course Code	Title of the Paper	Category	Credits	Teaching Hours per Week			Duration in Hours		Assessment Type		Continous and Comprehensive Evaluation (CEE) Scheme		Semester End Evaluation (SEE) Scheme			Grand Total Marks		
					Theory (Th.)	Practical (Pr.)	Total	Th.	Pr.	Th.	Pr.	Marks		Exam Hours	Marks		Th.	Pr.	Overall /Passing
												Th. / Passing	Pr. / Passing		Th. / Passing	Pr. / Passing			
1	MTM215-1C	Calculus and Differential Equations	Major	4	4	-	4	60	-	Th.	-	50	-	2.5	50	-	100/36	-	100/36
2	MTM216-1C	Application of Calculus and Differential Equations	Major	4	-	8	8	-	120	-	Pr.	-	50	2.5	-	50	-	100/36	100/36
3	MBE206- 1C	Fundamentals Of Microbial Physiology	Minor	4	2	4	6	30	60	Th.	Pr.	25	25	2.0	25	25	50/18	50/18	100/36
	CHE207- 1C	Basics Of Chemistry-II																	
	PHE208- 1C	Fundamentals of Physics-II																	
	BTE209- 1C	Basics of Botany-II																	
	MTE210- 1C	Probability and Probability Distributions-I																	
4	MDC216- 1C	Microbial Growth and Its Control	MDC	4	2	4	6	30	60	Th.	Pr.	25	25	2.0	25	25	50/18	50/18	100/36
	MDC217- 1C	Fundamentals of Botany-II																	
	MDC218- 1C	Introduction to Chemistry- II																	
	MDC219- 1C	Fundamentals of Computational Physics-II																	
	MDC220- 1C	Object Oriented Programming using C++																	
5	AEC204- 1C	Communication Skills	AEC	2	2	-	2	30	-	Th.	-	25	-	2.0	25	-	50/18	-	50/18
6	SEC216- 1C	Basic Mycology	SEC	2	2	-	2	30	-	Th.	-	25	-	2.0	25	-	50/18	-	50/18
	SEC217- 1C	Chemistry Instrumentation and laboratory skills-II																	
	SEC218- 1C	Introduction to Measurements and Instrumentation I																	
	SEC219- 1C	Cyber Sphere and Security: Global Concern																	
7	VAC201- 1C	Environmental Studies	IKS	2	2	-	2	30	-	Th.	-	25	-	2.0	25	-	50/18	-	50/18
<b>Total</b>				<b>22</b>	<b>14</b>	<b>16</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>175</b>	<b>100</b>	<b>-</b>	<b>175</b>	<b>100</b>	<b>350</b>	<b>200</b>	<b>550</b>

**Please Note:**

- The marks distribution is mainly divided into two components named Continuous and Comprehensive Evaluation (CEE) = 50 % and Semester End Evaluation (SEE) = 50 %.
- Passing Percentage for each subject is 36%.