

SCHOOL OF BASIC AND APPLIED SCIENCES
(Scheme of Studies & Examinations w. e. f. 2016-17 onwards)
B. Sc. Biology I Year (I Semester)

Sr. No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-101	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-103	Organic Chemistry	2	0	20	30	50	3	2
3		CH-105	Physical Chemistry	2	0	20	30	50	3	2
4		CH-107	Chemistry Lab-I	0	3/6	20	30	50	4	3
5	Botany	BOT-101	Diversity of microbes and plant pathology	3	0	20	30	50	3	3
6		BOT-103	Cell Biology	3	0	20	30	50	3	3
7		BOT-105	Botany Lab-I	0	2/4	20	30	50	4	2
8	Zoology	ZOO-101	Life and Diversity from Protozoa to Helminthes	3	0	20	30	50	3	3
9		ZOO-103	Cell Biology & Genetics	3	0	20	30	50	3	3
10		ZOO-105	Zoology Lab-I	0	2/4	20	30	50	3	2
11	English*	ECT-101	English Communication Technique	2	0	20	30	50	3	2
TOTAL				20	14			550		27

NOTE:-

1. Abbreviations: L=Lecture, T= Tutorials, P= Practical's, IA = Internal Assessment
2. Marks distribution of Internal Assessment (IA) for Theory Subjects should be 50% mid term Examination + 50% Assignments/Tutorials/Special activity viz: PPT, Quiz Test
3. *Compulsory Paper

SCHOOL OF BASIC AND APPLIED SCIENCES
(Scheme of Studies & Examinations w. e. f. 2016-17 onwards)
B. Sc. Biology I Year (II Semester)

Sr. No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination Scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-102	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-104	Organic Chemistry	2	0	20	30	50	3	2
3		CH-106	Physical Chemistry	2	0	20	30	50	3	2
4		CH-108	Chemistry Lab-II	0	3/6	20	30	50	4	3
5	Botany	BOT-102	Diversity of Archeogoniate	3	0	20	30	50	3	3
6		BOT-104	Genetics & Plant breeding	3	0	20	30	50	3	3
7		BOT-106	Botany Lab-II	0	2/4	20	30	50	4	2
8	Zoology	ZOO-102	Life and Diversity from Annelida to Hemichordata	3	0	20	30	50	3	3
9		ZOO-104	Developmental Biology	3	0	20	30	50	3	3
10		ZOO-106	Zoology Lab-II	0	2/4	20	30	50	3	2
11	Environmental Studies	EVS-102	Environmental Science	2	0	20	30	50	3	2
TOTAL				20	14			550		27

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Sr. No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-201	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-203	Organic Chemistry	2	0	20	30	50	3	2
3		CH-205	Physical Chemistry	2	0	20	30	50	3	2
		CH-207	Chemistry Lab-III	0	6	20	30	50	4	3
5	Botany	BOT-201	Biology and Diversity of Seed Plants-I	3	0	20	30	50	3	3
6		BOT-203	Plant Anatomy	3	0	20	30	50	3	3
		BOT-205	Botany Lab-III	0	2/4	20	30	50	4	2
8	Zoology	ZOO-201	Life and Diversity of Chordates-I	3	0	20	30	50	3	3
9		ZOO-203	Mammalian Physiology-I	3	0	20	30	50	3	3
10		ZOO-205	Zoology Lab-III		2/4	20	30	50	3	2
11	Computer Science	COM-201	Computer Fundamentals	2	0	20	30	50	3	2
TOTAL				20	14			550		27

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B.Sc. Biology II Year (IV Semester)

Sr. No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-202	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-204	Organic Chemistry	2	0	20	30	50	3	2
3		CH-206	Physical Chemistry	2	0	20	30	50	3	2
		CH-208	Chemistry Lab-IV	0	6	20	30	50	4	3
5	Botany	BOT-202	Biology and Diversity of Seed Plants-II	3	0	20	30	50	3	3
6		BOT-204	Plant Embryology	3	0	20	30	50	3	3
		BOT-206	Botany Lab-IV	0	2/4	20	30	50	4	2
8	Zoology	ZOO-202	Life and Diversity of Chordates-II	3	0	20	30	50	3	3
9		ZOO-204	Mammalian Physiology-II	3	0	20	30	50	3	3
10		ZOO-206	Zoology Lab-IV	0	2/4	20	30	50	3	2
11	Computer Science	COM-202	Computer Lab	0	2	30	20	50		2
TOTAL				18	16			500		27

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Sr.No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-301	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-303	Organic Chemistry	2	0	20	30	50	3	2
3		CH-305	Physical Chemistry	2	0	20	30	50	3	2
		CH-307	Chemistry Lab-V	0	6	20	30	50	4	3
5	Botany	BOT-301	Plant Physiology	3	0	20	30	50	3	3
6		BOT-303	Ecology	3	0	20	30	50	3	3
		BOT-305	Botany Lab-V	0	2/4			50	4	2
8	Zoology	ZOO-301	Biochemistry	3	0	20	30	50	3	3
9		ZOO-303	Ecology and Evolution	3	0	20	30	50	3	3
10		ZOO-305	Zoology Lab-V	0	2/4	20	30	50	3	2
11	ECA	ECA-301	Seminar/Project	2	0	-	-	50	-	2
TOTAL				20	14			500		27

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Sr. No.	Subject	Paper Code No.	Name of Paper	Teaching scheme Hrs/Week		Examination Scheme			Duration of exam Hour	Credits
				L	P	IA	End Term Exam	Total		
1	Chemistry	CH-302	Inorganic Chemistry	2	0	20	30	50	3	2
2		CH-304	Organic Chemistry	2	0	20	30	50	3	2
3		CH-306	Physical Chemistry	2	0	20	30	50	3	2
4		CH-308	Chemistry Lab-VI	0	6	20	30	50	4	3
5	Botany	BOT-302	Biochemistry and Plant Biotechnology	3	0	20	30	50	3	3
6		BOT-304	Economic Botany	3	0	20	30	50	3	3
		BOT-306	Botany Lab-VI	0	2/4	20	30	50	4	2
8	Zoology	ZOO-302	Environmental Biology & Ethology	3	0	20	30	50	3	3
9		ZOO-304	Applied Zoology & Bio-Statistics	3	0	20	30	50	3	3
10		ZOO-306	Zoology Lab-VI	0	2/4	20	30	50	3	2
11	ECA	ECA-302	Extra Curricular Activity	-	-	-	-	50	-	2
TOTAL				18	12			500		26

NOTE:-

1. Abbreviations=Lecture, P=Practical's, IA=Internal Assessment, ECA=Extra Curricular Activity
2. Marks distribution of Internal Assessment (IA) for Theory Subjects should be 50% mid term Examination + 50% Assignments/Tutorials/Special activity viz: PPT, Quiz Test
3. ECA-302:- Education Tour/Inter-University activity