

Programme: Bachelor of Science (B.Sc.) Sem: I							
NHEQF Level: 5 Courses				Evaluation Scheme			Total Mark s
Course Category	Course Sub Category	Course Name	Code	Credits	CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany I: Introduction to Plant diversity	ODL/MSS/BSCB/ 101	3	70	30	100
	Major	Zoology I: Diversity of Invertebrate	ODL/MSS/BSCB/ 102	3	70	30	100
	Major	Chemistry I: Fundamental Chemistry I	ODL/MSS/BSCB/ 103	3	70	30	100
Discipline Specific Core Course Practical (DSCCP)	Major	Botany I Lab	ODL/MSS/BSCB/ 104	1	35	15	50
	Major	Zoology I Lab	ODL/MSS/BSCB/ 105	1	35	15	50
	Major	Chemistry I Lab	ODL/MSS/BSCB/ 106	1	35	15	50
General Elective Inter/Multidisciplinar y / Allied Courses (GEC)	GEC	Nutrition for Health	ODL/MSS/BSCB/ 107	4	70	30	100
Ability Enhancement Course (AEC)	AEC	Communication Skill	ODL/MSS/BSCB/ 108	2	35	15	50
Skill Enhancement Course (SEC)	SEC	Instrumentatio n and System Biology	ODL/MSS/BSCB/ 109	2	35	15	50
Value Added Course (VAC)	VAC	Yoga and Human Consciousness	ODL/MSS/BSCB /110	2	35	15	50
Total				22	490	210	700










Programme: Bachelor of Science (B.Sc.) Sem: II							
NHEQF Level: 5 Courses				Evaluation Scheme			Total
							Marks
Course Category	Course Sub Category	Course Name	Code	Credits			
					CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany II: Cell Biology & Genetics	ODL/MSS/BSCB/201	3	70	30	100
	Major	Zoology II: Vertebrates Physiology	ODL/MSS/BSCB/202	3	70	30	100
	Major	Chemistry II: Fundamental Chemistry II	ODL/MSS/BSCB/203	3	70	30	100
Discipline Specific Core Course Practical (DSCCP)	Major	Botany II Lab	ODL/MSS/BSCB/204	1	35	15	50
	Major	Zoology II Lab	ODL/MSS/BSCB/205	1	35	15	50
	Major*	Chemistry II Lab	ODL/MSS/BSCB/206	1	35	15	50
General Elective Inter/Multidisciplinary / Allied Courses (GEC)	GEC	Intellectual Property Rights	ODL/MSS/BSCB/207	4	70	30	100
Ability Enhancement Course (AEC)	AEC	Science communication Skills	ODL/MSS/BSCB/208	2	35	15	50
Skill Enhancement Course (SEC)	SEC	Vermicomposting and Organic Farming	ODL/MSS/BSCB/209	2	35	15	50
Value Added Course (VAC)	VAC	Environmental Studies & Disaster Management	ODL/MSS/BSCB/210	2	35	15	50
Total				22	490	210	700



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Programme: Bachelor of Science (B.Sc.) Sem: III							
NHEQF Level: 5 Courses				Evaluation Scheme			Total
							Marks
Course Category	Course Sub Category	Course Name	Code	Credits	CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany III: Diversity of Seed Plants & their Systematics	ODL/MSS/BSCB/301	3	70	30	100
	Major	Zoology III: Anatomy & Physiology	ODL/MSS/BSCB/302	3	70	30	100
	Major	Chemistry III: Inorganic & Physical Chemistry I	ODL/MSS/BSCB/303	3	70	30	100
Discipline Specific Core Course Practical (DSCCP)	Major	Botany III Lab	ODL/MSS/BSCB/304	1	35	15	50
	Major	Zoology III Lab	ODL/MSS/BSCB/305	1	35	15	50
	Major	Chemistry III Lab	ODL/MSS/BSCB/306	1	35	15	50
General Elective Inter/Multidisciplinary/ Allied Courses (GEC)	GEC	Food Toxicology & Adulteration	ODL/MSS/BSCB/307	4	70	30	100
Ability Enhancement Course (AEC)	AEC	Hindi	ODL/MSS/BSCB/308	2	35	15	50
Skill Enhancement Course (SEC)	SEC	Computational Biology and Bioinformatics	ODL/MSS/BSCB/309	2	35	15	50
Value Added Course (VAC)	IKS	Ayurvedic Biology	ODL/MSS/BSCB/310	2	35	15	50
Total				22	490	210	700

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NHEQF Level: 5 Courses	Programme: Bachelor of Science (B.Sc.) Semester IV				Evaluation Scheme		Total Marks
Course Category	Course Sub Category	Course Name	Code	Credits	CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany IV: Structure Development & Reproduction in Flowering Plants	ODL/MSS/BSCB/401	3	70	30	100
	Major	Zoology IV: Chordates & Comparative Anatomy	ODL/MSS/BSCB/402	3	70	30	100
	Major	Chemistry IV: Organic & Physical Chemistry I	ODL/MSS/BSCB/403	3	70	30	100
Discipline Specific Core Practical (DSCP)	Major	Botany IV Lab	ODL/MSS/BSCB/404	1	35	15	50
	Major	Zoology IV Lab	ODL/MSS/BSCB/405	1	35	15	50
	Major	Chemistry IV Lab	ODL/MSS/BSCB/406	1	35	15	50
Discipline Specific Elective Course (DSEC)	Minor	Botany A (Plant Tissue Culture)/ Zoology A (Wild Life Conservation & Management)/ Chemistry A (Basic Analytical Chemistry)	ODL/MSS/BSCB/407	4	70	30	100
Ability Enhancement Course (AEC)	AEC	Society, Culture, and Human Behaviour	ODL/MSS/BSCB/408	2	35	15	50
Skill Enhancement Course (SEC)	SEC	Computer Application	ODL/MSS/BSCB/409	2	35	15	50
Value Added Course (VAC)	VAC	Presentation Skills	ODL/MSS/BSCB/410	2	35	15	50
Total				22	490	210	700



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NHEQF Level: 5 Courses	Programme: Bachelor of Science (B.Sc.) Semester V				Evaluation Scheme		Total Marks
Course Category	Course Sub Category	Course Name	Code	Credits			
					CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany V: Plant Physiology and Biochemistry	ODL/MSS/BS CB/501	3	70	30	100
	Major	Zoology V: Cell biology and Histology	ODL/MSS/BS CB/502	3	70	30	100
	Major	Chemistry V: Organic and Inorganic- I	ODL/MSS/BS CB/503	3	70	30	100
Discipline Specific Core Practical (DSCP)	Major	Botany V Lab	ODL/MSS/BS CB/504	1	35	15	50
	Major	Zoology V Lab	ODL/MSS/BS CB/505	1	35	15	50
	Major	Chemistry V Lab	ODL/MSS/BS CB/506	1	35	15	50
Discipline Specific Elective Course (DSEC)	Minor	Botany A1 (Natural Resource Management) Zoology A1 (Insect Vector & Disease) Chemistry A1 (Spectroscopy-I)	ODL/MSS/BS CB/507	4	70	30	100
		Botany A2 (Microbiology and Phycology) Zoology A2 (Biochemistry) Chemistry A2 (Chemical Kinetic & Nuclear Chemistry)	ODL/MSS/BS CB/508	4	70	30	100
Skill Enhancement Course (SEC)	SEC	Pisciculture	ODL/MSS/BS CB/509	2	35	15	50
Total				22	490	210	700

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NHEQF Level: 5 Courses	Programme: Bachelor of Science (B.Sc.) Semester VI				Evaluation Scheme		Total
							Marks
Course Category	Course Sub Category	Course Name	Code	Credits			
					CIA	ESE	
Discipline Specific Core Course (DSCC)	Major	Botany VI: Ecology and Biodeversity	ODL/MSS/BSCB/601	3	70	30	100
	Major	Zoology VI : Development biology	ODL/MSS/BSCB/602	3	70	30	100
	Major	Chemistry VI: Organic and Physical Chemistry II	ODL/MSS/BSCB/603	3	70	30	100
Discipline Specific Core Practical (DSCP)	Major	Botany VI Lab	ODL/MSS/BSCB/604	1	35	15	50
	Major	Zoology VI Lab	ODL/MSS/BSCB/605	1	35	15	50
	Major	Chemistry VI Lab	ODL/MSS/BSCB/606	1	35	15	50
Discipline Specific Elective Course (DSEC)	Minor	Botany A3 (Analytical Tools & Techniques in Plant Sciences) Zoology A3 (Immunology) Chemistry A3 (Electrochemistry & Surface Chemistry)	ODL/MSS/BSCB/607	4	70	30	100
Ability Enhancement Course (AEC)	AEC	Leadership & Personality Development	ODL/MSS/BSCB/608	2	35	15	50
Internship	INT	Project Work Botany Based/ Zoology Based/ Chemistry Based	ODL/MSS/BSCB/609	4	70	30	100
Total				22	490	210	700



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