

Bachelor of Science (B. Sc.) First Year 2017-18**SCHEME OF EXAMINATION**

S. No.	Subject Code		Subject
		Group	
1	COMP 24100		Environmental Studies
2	BSC 24101	Foundation Course	Hindi Language
3	BSC 24102		English Language
		Core Subjects: (three as per the five combinations provided by the University)	
4	BSC 24103	Physics	Mechanics, Oscillations and Properties of Matter
5	BSC 24104		Electricity, Magnetism and Electromagnetic Theory
6	BSC 24105		Practical
7	BSC 24106	Chemistry	Inorganic Chemistry
8	BSC 24107		Organic Chemistry
9	BSC 24108		Physical Chemistry
10	BSC 24109		Practical
11	BSC 24110	Zoology	Cell Biology and Invertebrates
12	BSC 24111		Vertebrates and Embryology
13	BSC 24112		Practical
14	BSC 24113	Botany	Genetic Diversity of Microbes and Cryptogams

15	BSC 24114		Cell Biology and Genetics
16	BSC 24115		Practical
17	BSC 24116	Mathematics	Algebra and Trigonometry
18	BSC 24117		Calculus
19	BSC 24118		Vector Analysis and Geometry
20	BSC 24119	Computer Science	Computer Hardware
21	BSC 24120		Computer Software
22	BSC 24121		Practical
23	BSC 24122	Information Technology	Fundamentals of IT, Computers, and PC Software
24	BSC 24123		Programming Concept Using C Language
25	BSC 24124		Practical
26	BSC 24125	Biotechnology	Biochemistry, Maths and Computers
27	BSC 24126		Cell Biology, Genetics and Microbiology
28	BSC 24127		Practical

Bachelor of Science (B. Sc.) Second Year 2018-19

SCHEME OF EXAMINATION

S. No.	Subject Code	Subject	
		Group	
1	BSC 24201	Foundation Course	Hindi Language
2	BSC 24202		English Language
		Core Subjects: (Any three - Should be same as in First Year)	
3	BSC 24203	Physics	Thermodynamics, Kinetic Theory and Statistical Physics
4	BSC 24204		Waves, Acoustics and Optics
5	BSC 24205		Practical
6	BSC 24206	Chemistry	Inorganic Chemistry
7	BSC 24207		Organic Chemistry
8	BSC 24208		Physical Chemistry
9	BSC 24209		Practical
10	BSC 24210	Zoology	Anatomy and Physiology
11	BSC 24211		Vertebrate Endocrinology, Reproductive Biology Behavior, Evolution and Applied Zoology
12	BSC 24212		Practical
13	BSC 24213	Botany	Diversity of Seed Plants and their Systematics

14	BSC 24214		Structure, Development and Reproduction in Flowering Plants
15	BSC 24215		Practical
16	BSC 24216	Mathematics	Advanced Calculus
17	BSC 24217		Differential Equations
18	BSC 24218		Mechanics
19	BSC 24219	Computer Science	Computer Hardware
20	BSC 24220		Software
21	BSC 24221		Practical
22	BSC 24222	Information Technology	Digital Circuits & Computer H/W
23	BSC 24223		Object Oriented Programming in C++
24	BSC 24224		Practical
25	BSC 24225	Biotechnology	Molecular Biology and Biophysics
26	BSC 24226		Recombinant DNA Technology
27	BSC 24227		Practical

Bachelor of Science (B. Sc.) Final Year 2019-20

SCHEME OF EXAMINATION

S. No.	Subject Code	Subject	
		Group	
1	BSC 24301	Foundation Course	Hindi Language
2	BSC 24302		English Language
		Core Subjects: (Any three - Should be same as in First & Second Year)	
3	BSC 24303	Physics	Relativity, Quantum Mechanics, Atomic, Molecular and Nuclear Physics
4	BSC 24304		Solid State Physics, Solid State Devices and Electronics
5	BSC 24305		Practical
6	BSC 24306	Chemistry	Inorganic Chemistry
7	BSC 24307		Organic Chemistry
8	BSC 24308		Physical Chemistry
9	BSC 24309		Practical
10	BSC 24310	Zoology	Ecology; Environmental Biology; Toxicology; Microbiology and Medical Zoology
11	BSC 24311		Genetics, Cell Physiology, Biochemistry, Biotechnology and Biotechniques
12	BSC 24312		Practical

13	BSC 24313	Botany	Plant Physiology, Biochemistry and Biotechnology
14	BSC 24314		Ecology and Utilization of Plants
15	BSC 24315		Practical
16	BSC 24316	Mathematics	Analysis
17	BSC 24317		Abstract Algebra
18	BSC 24318		Optional Papers: a. Principles of Computer Science b. Discrete Mathematics c. Applications of Mathematics in Finance and Insurance d. Programming in C and Numerical Analysis (Theory & Practical) e. Mathematical Modelling
19	BSC 24319		
20	BSC 24320	Computer Science	Computer Hardware Part - C
21	BSC 24321		Software
22	BSC 24322		Practical
23	BSC 24323	Information Technology	Amplifiers and Oscillators
24	BSC 24324		Fundamental Data Structure
25	BSC 24325		Practical
26	BSC 24326	Biotechnology	General Biotechnology (Plant, Environment and Industrial Biotechnology)
			Immunology