New Arts, Commerce & Science College, Ahmednagar (Autonomous)

Faculty of Science and Technology

B.Sc. (All Courses) CBCS 2021 Pattern

Examination of November/December 2024

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.

- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.

- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.

- No request shall be granted for change in time or date for the University Examination on any ground.

- Candidates are requested to note the Day, Date and Time of Paper.

- Candidates are permitted to use stencils at the time of examination.

- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.

- Use of non-programmable battery operated electronic pocket size Calculator isallowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.

- The written examination will be conducted in the following order.

Sem III (Backlog)

Time: 10.00 – 01.00

Day & Date	Paper Code	Subject
Saturday 21/12/2024	BSC-BO 301 T	Taxonomy of Angiosperms and Plant Ecology
	BSC-MT 301 T	Calculus of several variables
	BSC-AN 301 T	3D Production-I
	BSC-BT 301T	Cell Biology I
	WBAT 301T	Fermentation Technology I
	BSC-CS 301 T	Data Structures and Algorithms
	BCA-SC 301 T	Object Oriented Programming concepts using C++
	BSC-DS 301 T	Data Structures
	BVC-JM 301T	Mass Communication theories
	BVOC-PT 301 T	Image Carrier Generation
Monday 23/12/2024	BSC-BO 302 T	Plant Physiology
	BSC-MT 302 T	Numerical methods and its applications
	BSC-AN 302 T	Animation Technique
	BSC-BT 302T	Cell Biology II
	WBAT 302T	Yeast Technology
	BSC-CS 302 T	Software Engineering
	BCA-SC 302 T	Data Structures using C
	BSC-DS 302 T	Python for Data Analytics
	BVC-JM 302T	Indian Constitution and Political System
	BVOC-PT 302 T	Web Offset Printing Process
Tuesday 24/12/2024	BSC-ZO 301 T	Animal Systematics & Diversity-III
	BSC-ES 301 T	Communication Electronics
	BSC-AN 303 T	Graphics Arts
	BSC-BT 303T	Metabolic Pathways
	WBAT 303T	Brewing Technology
	BSC-CS 304 T	Groups and Coding Theory
	BCA-SC 303 T	Advance Database Management Systems
	BSC-DS 303 T	NOSQL
	BVC-JM 303T	Film and Television
	BVOC-PT 303 T	Ink Technology
Thursday 26/12/2024	BSC-ZO 302 T	Genetics
	BSC-ES 302 T	Digital System Design
	BSC-AN 304 T	Digital Technologies
	BSC-BT 304T	Genetics
	WBAT 304T	Alcohol Technology
	BSC-CS 305 T	Numerical Techniques
	BSC-DS 304 T	Time Series Analysis
Friday 27/12/2024	BSC-PH 301 T	Mathematical Methods in Physics I
	BSC-EN-301	Ecology & Ecosystem
	BSC-GG 301 T	Environmental Geography – I
	BSC-AN 305 T	Production Process
	BSC-BT 305T	Immunology
	WBAT 305T	Applied Biochemistry
	BSC-CS 307 T	Embedded System
	BSC-DS 305 T	Statistical Interference
Saturday 28/12/2024	BSC-PH 302 T	Electronics or Instrumentation I
	BSC-EN-302	Natural Resource Conservation and Management
	BSC-GG 302 T	Physical Geography of Maharashtra
	BSC-AN 306 T	Audio Production

Day & Date	Paper Code	Subject
	BSC-BT 306T	Ecology and Environmental Biotechnology
	WBAT 306T	Vineyard Management I
	BSC-CS 308 T	Computer Networking
	BCA-SC 309 T	React Js
	BSC-DS 311 T	Data Communication and Networking
Monday 30/12/2024	BSC-CH 301 T	Physical and Analytical Chemistry III
	BSC-AN 312 T	Advance Anatomy
	BSC-BT 312T	Laboratory Management (Biosafety and Instrumentation)
	WBAT312(A)T	Food Technology
	WBAT312(B)T	Laboratory management
	BSC-CS 312 T	Web Technologies
Tuesday 31/12/2024	BSC-CH 302 T	Organic and Inorganic Chemistry III
Wednesday 01/01/2025	BSC-ST 301 T	Bivariate Discrete Probability Distributions
	BSC-MR 301 T	Medical Microbiology and Immunology
Thursday 02/01/2025	BSC-ST 302 T	Continuous Probability Distributions
	BSC-MR 302 T	Bacterial Physiology and Fermentation Technology
Friday 03/01/2025	AECC 01	MIL English / Marathi Communication
	BSC-AN 311 T	English /Marathi Communication
	BSC-BT 311T	English/ Hindi Communication
	WBAT311T	English/Hindi Communication
	BSC-CS 310 T	MIL (Technical English)
	BCA-SC 308 T	MIL
	BSC-DS 309 T	MIL (Technical English)
	BVOC PT 310 T	Technical English
Saturday 04/01/2025	AECC 02	Critical Thinking/ Scientific Temper
	BSC-CS 311 T	Critical Thinking/ Scientific Temper
	BSC-AN 310 T	Critical Thinking and Scientific Temper
	BSC-BT 310T	Critical Thinking and ScientificTemper
	WBAT 310T	Critical thinking and Scientific Temper
	BCA-SC 307 T	Critical Thinking and Scientific Temper
	BVOC PT 309 T	Critical Thinking and Scientific Temper
	BSC-DS 310 T	Critical Thinking and Scientific Temper

Semester IV Backlog

Time: 02.00 –05.00

Day & Date	Paper Code	Subject
Saturday 21/12/2024	AECC 03	MIL English / Marathi Communication
	BSC-BT411 T	MIL
	BSC-WBAT411 T	MIL
	BSC- AN411 T	MIL
	BSC-CS410 T	Foreign language: Japanese
	BCA-SC 409 T	Foreign language: Japanese
	BSC -DS-409	Foreign language: Japanese
	BVOC PT 409 T	Technical English II
Monday 23/12/2024	BSC-BO401 T	Plant Anatomy and Embryology
	BSC-MT 401 T	Linear Algebra
	BSC-AN401 T	3D Production II
	BSC-BT401 T	Biodiversity and Evolution
	BSC- WBAT 401 T	Fermentation Technology II

	BSC-CS401 T	Object Oriented Concepts Using C++
	BCA-SC 401 T	Core Java Programing
	BSC -DS-401	Object Oriented Programming using Python
	BVC-JM 401 T	Media Audience and Society
	BVOC PT 401	Print Finishing Techniques
Tuesday 24/12/2024	BSC-BO402 T	Plant Biotechnology
	BSC-MT 402 T	Vector Calculus
	BSC-AN402 T	Motion Graphics
	BSC-BT402 T	Molecular Biology I
	BSC- WBAT 402 T	Fruits and Fortified Wines
	BSC-CS402 T	NoSQL
	BCA-SC 402 T	Python Programing
	BSC -DS-402	Introduction Artificial Intelligence
	BVC-JM 402 T	Indian Culture and Society
	BVOC PT 402	Basic Packaging Technology
Thursday 26/12/2024	BSC-ZO 401 T	Animal Systematics & Diversity IV
	BSC-ES 401 T	Analog Circuit Design
	BSC-AN 403 T	Web Development
	BSC-BT 403 T	Molecular Biology II
	BSC- WBAT 403 T	Wine Technology I
	BSC-CS 404 T	Computational Geometry
	BCA-SC 403 T	Operation System Concepts
	BSC -DS-403	Machine Learning
	BVC-JM 403 T	Digital Media
	BVOC PT 403	Gravure, Flexography and Digital Printing
Friday 27/12/2024	BSC-ZO 402 T	Biological Techniques
	BSC-ES 402 T	Fundamentals of Embedded System Design
	BSC-AN 404 T	Augmented and Virtual Reality
	BSC-BT 404 T	Plant Development
	BSC- WBAT 404 T	Wine Technology II
	BSC-CS 405 T	Operation Research
	BCA-SC 407 T	Cloud Computing
	BSC -DS-404	Regression Analysis
Saturday 28/12/2024	BSC-PH 401 T	Oscillations, Waves and Sound
	BSC-EN-401T	Biological Diversity and its Conservation
	BSC-GG 401 T	Environmental Geography – II
	BSC-AN 405 T	Animation Film and Process
	BSC-BT 405 T	Animal Development
	BSC- WBAT 405 T	Business Management
	BSC-CS 407 T	Internet of Things and Applications
	BSC -DS-405	Multivariate Analysis
Monday 30/12/2024	BSC-PH 402 T	Optics
	BSC-EN-402 T	Environmental Pollution Control Technology
	BSC-GG 402 T	Human Geography of Maharashtr
	BSC-AN 406 T	Digital Photography
	BSC-BT 406 T	Bioanalytical Techniques
	BSC- WBAT 406 T	Vineyard Management II
	BSC-CS 408 T	Advanced Computer Networking
	BSC -DS-411	Industry 4.0
Tuesday 31/12/2024	BSC-CH 401 T	Physical and Analytical Chemistry IV
	BSC-AN 412 T	Digital Character Animation
	BSC-BT 412 T	Oenology

Day & Date	Paper Code	Subject
	BSC- WBAT 412 T	A. Biophysical and Biochemical Techniques B. Plant Tissue Culture
	BSC-CS 412 T	Core Python
Wednesday 01/01/2025	BVOC PT 410	Critical Thinking and Scientific Temper
	BSC-CH 402 T	Organic and Inorganic Chemistry IV
Thursday 02/01/2025	BSC-MR 401 T	Bacterial Genetics
	BSC-ST 401 T	Sampling Distributions
Friday 03/01/2025	BSC-MR 402 T	Air ,Water & Soil Microbiology
	BSC-ST 402 T	Large and Small Sample Statistical tests using R
Saturday 04/01/2025	S.Y.B.Sc. Regular/Biotechnology/Wine Technology/Animation/ B.Sc. Computer Science/ Data Science/ BCA Sci/ B.Voc. Printing Technology	**Environmetnal Awareness**

Sem I (Backlog)

Time: 10.00 – 01.00

Day & Date	Paper Code	Subject
Monday 06/01/2025	BSC -BO-101	Plant Life and Utilization-I
	BSC -MT-101	Algebra
	BSC-CS 101T	Problem Solving using Computer and 'C' Programming
	BSC -DS-101	Basic Programming in C
	BSC-AN 101 T	Basics of Animation-I
	BSC-BT 101T	Fundamentals of Chemistry I
	BSC-WBAT 101T	Basic Microbiology I
	BCA-SC 101 T	Principles of Programming and C Programming Fundamentals
	BVOC-PT 101 T	Elements of Printing Technology
	BVC-JM 101 T	Introduction to Commn. Studies
Tuesday 07/01/2025	BSC -BO-102	Plant Morphology and Anatomy
	BSC -MT-102	Calculus-I
	BSC-CS 102T	Database Management Systems
	BSC -DS-102	Data Management System
	BSC-AN 102 T	Foundation of Art
	BSC-BT 102T	Fundamentals of Physics I

	BSC-WBAT 102T	Industrial Microbiology I
	BCA-SC 102 T	Fundamentals of Computers
	BVOC-PT 102 T	Fundamentals of ICT
	BVC-JM 102 T	Pre -Independence History of India
Wednesday 08/01/2025	BSC -ZO-101	Animal Diversity-I
	BSC-EL-101	Basics of Applied Electronics
	BSC-CS 104T	Matrix Algebra
	BSC -DS-103	Elements of Information Technology
	BSC-AN 103 T	Digital Graphics-I
	BSC-BT 103T	Biochemistry I
	BSC-WBAT 103T	Basic Botany
	BCA-SC 103 T	Web Designing -I
	BVOC-PT 103 T	Graphic Design – I
	BVC-JM 103 T	History of Mass Media
Thursday 09/01/2025	BSC-ZO-102	Animal Ecology
	BSC- ES-102	Electronic Devices and Circuits
	BSC-CS 105T	Discrete Mathematics
	BSC -DS-104	Introduction to R Programming
	BSC-AN 104 T	Programming Languages-I
	BSC-BT 104T	Biophysics and Bioinstrumentation
	BSC-WBAT 104T	Plant Development and Anatomy
	BCA-SC 104 T	Mathematics and statistical methods for Computer Science
Friday 10/01/2025	BSC-EVS-101	Fundamental of Environmental Biology
	BSC-PHY-101	Mechanics and Properties Of Matter
	BSC-GG-101	Introduction To Physical Geography-I(Geomorphology)
	BSC-CS 107T	Principles of Analog Electronics
	BSC -DS-105	Introduction to Data
	BSC-AN 105 T	3D Visualization-I
	BSC-BT 105T	Plant Biology
	BSC-WBAT 105T	Basic Biochemistry I
Saturday 11/01/2025	BSC-EVS-102	Fundamental of Environmental Chemistry &Physics
	BSC-PHY-102	Physics Principles and Applications
	BSC-GG-102	Introduction To Physical Geography –II(Geography Of Atomsphere And Hydrosphere)
	BSC-CS 108T	Principles of Digital Electronics

	Paper Code	Subject
	BSC -DS-106	Probability and Basic Statistics
	BSC-AN 106 T	Information Technology
	BSC-BT 106T	Animal Biology
	BSC-WBAT 106T	Computer Applications
Monday 13/01/2025	BSC-CH-101	Physical and Analytical Chemistry
	BSC-CS 110T	Descriptive Statistics - I
	BSC -DS-107	Matrix Computations
	BSC-AN 107 T	Creative Writing
	BSC-BT 107T	Basic Microbiology
	BSC-WBAT 107T	Basic Oenology
Tuesday 14/01/2025	BSC-CH-102	Organic and Inorganic Chemistry
	BSC-CS 111T	Mathematical Statistics
	BSC -DS-108	Discrete Mathematics
	BSC-AN 108 T	Art in Game
	BSC-BT 108T	Biomathematics and Biostatistics I
	BSC-WBAT 108T	Sensory Evaluation of wine I
Wednesday 15/01/2025	BSC-ST-101	Descriptive Statistics-I
	BSC-MB-101	Introduction To Microbial World
Thursday 16/01/2025	BSC-ST-102	Discrete Probability
	BSC-MB-102	Basic Techniques In Microbiology

Day, Date and Time	Paper Code	Subject
Friday 17/01/2025 **Time: 10.00 –01.00**	AECC-01	Democracy, Governance and Election

Semester II (Backlog)

Time: 02.00 – 05.00

Day & Date	Paper Code	Subject
Monday 06/01/2025	BSC-BO201 T	Plant Life and Utilization II
	BSC-MT 201 T	Analytical Geometry
	BSC-CS 201T	Advanced 'C' Programming
	BSC-DS 201 T	Advanced C Programming
	BSC-AN 201 T	Basics of Animation-II
	BSC-BT 201T	Fundamentals of Chemistry II
	BSC-WBAT 201T	Basic Microbiology II
	BCA-SC 201 T	Advance C Programming
	BVOC-PT 201 T	Advanced Printing Technology
	BVC-JM 201 T	Communication Studies- II
Tuesday 07/01/2025	BSC-BO202 T	Principles of Plant Science
	BSC-MT 202 T	Calculus – II
	BSC-CS 202T	Relational Database Management Systems

	BSC-DS 202 T	Advance Database Concepts
	BSC-AN 202 T	Digital Filmmaking
	BSC-BT 202T	Biochemistry II
	BSC-WBAT 202T	Industrial Microbiology II
	BCA-SC 202 T	Database Management Systems
	BVOC-PT 202 T	Web Designing
	BVC-JM 202 T	Post Independence History of India
Wednesday 08/01/2025	BSC-ZO 201 T	Animal Systematics & Diversity- II
	BSC-ES 201 T	Analog Device Applications
	BSC-CS 204T	Linear Algebra
	BSC-DS 203 T	Fundamentals of Data Science
	BSC-AN 203 T	Digital Graphics-II
	BSC-BT 203T	Bioinstrumentation
	BSC-WBAT 203T	Plant Physiology
	BCA-SC 203 T	Web Designing-II
	BVOC-PT 203 T	Graphic Design & Advertisement
	BVC-JM 203 T	Indian Media Industry
Thursday 09/01/2025	BSC-ZO 202 T	Cell Biology
	BSC-ES 202 T	Digital Circuits and Computer Organization
	BSC-CS 205T	Graph Theory
	BSC-DS 204 T	Discrete Probability Distribution
	BSC-AN 204 T	Programming Languages-II
	BSC-BT 204T	Applied Plant Biology
	BSC-WBAT 204T	Applied Botany
	BCA-SC 204 T	Software Engineering
Friday 10/01/2025	BSC-EN-201T	Fundamental of Environmental Geosciences
	BSC-PH 201 T	Heat and Thermodynamics
	BSC-GG 201 T	Human Geography
	BSC-CS 207T	Analog Device Applications
	BSC-DS 205 T	Continuous Probability Distribution
	BSC-AN 205 T	3D Visualization-II
	BSC-BT 205T	Applied Animal Biology
	BSC-WBAT 205T	Basic Biochemistry II
Saturday 11/01/2025	BSC-EN-202 T	Fundamental of Environmental Pollution
	BSC-PH 202 T	Electricity and Magnetism
	BSC-GG 202 T	Population and Settlement Geography
	BSC-CS 208T	Digital Circuits and Computer Organization
	BSC-DS 206 T	Linear Algebra
	BSC-AN 206 T	Stop Motion Animation
	BSC-BT 206T	Applied Microbiology
	BSC-WBAT 206T	Metabolic Pathways
Monday 13/01/2025	BSC-CH 201 T	Inorganic Chemistry
	BSC-CS 210T	Method of Applied Statistics
	BSC-DS 207 T	Operation Research
	BSC-AN 207 T	2D Animation
	BSC-BT 207T	Biomathematics and Biostatics-II
	BSC-WBAT 207T	Introduction to Beer, Wine and Alcohol Technology
Tuesday 14/01/2025	BSC-CH 202 T	Analytical Chemistry
	BSC-CS 211T	Continuous Probability
	BSC-DS 208 T	Numerical Methods
	BSC-AN 208 T	Typography
	BSC-BT 208T	Information Technology

	BSC-WBAT 208T	Sensory Evaluation of Wine-II
Wednesday 15/01/2025	BSC-ST 201 T	Descriptive Statistics Using R-II
	BSC-MR 201 T	Cell Biology of Microorganisms
Thursday 16/01/2025	BSC-ST 202 T	Discrete Probability Distributions
	BSC-MR 202 T	Microbial Cultivation and Growth