

**MODERN EDUCATION SOCIETY'S
NOWROSJEE WADIA COLLEGE, PUNE – 1**
(An Autonomous College under SavitribaiPhule Pune University)



Bachelor of Science (Autonomous Pattern)

Examination of Nov./Dec. 2024

Under Faculty of SCIENCE AND TECHNOLOGY: A) SCIENCE

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTYMINUTES 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/College telegram channel/ Website 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 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 is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- **Seating arrangement will be available THIRTYMINUTES before the stipulated time on College telegram channel.**
- For any query/clash students should contact exam section/COE(7020725699).
- The written examination will be conducted in the following order.

SEMESTER - I

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	GL112	ELEMENTS OF MINERALOGY & CRYSTALLOGRAPHY
Friday 22/11/2024	GG111	INTRODUCTION TO PHYSICAL GEOGRAPHY - I (GEOMORPHOLOGY)
Saturday 23/11/2024	GG112	INTRODUCTION TO PHYSICAL GEOGRAPHY - II (GEOGRAPHY OF ATMOSPHERE & HYDROSPHERE)
Monday 25/11/2024	ZO111	ANIMAL SYSTEMATICS & DIVERSITY I
	EL111	BASICS OF APPLIED ELECTRONICS
Tuesday 26/11/2024	ZO112	ANIMAL ECOLOGY
	EL112	ELECTRONIC DEVICES & CIRCUITS
Wednesday 27/11/2024	BO111	PLANT DIVERSITY & UTILIZATION - I
Thursday 28/11/2024	BO112	PLANT MORPHOLOGY & ANATOMY
Friday 29/11/2024	MT111	ALGEBRA
Saturday 30/11/2024	MT112	CALCULUS - I
Monday 02/12/2024	PH111	MECHANICS AND PROPERTIES OF MATTER
Tuesday 03/12/2024	PH112	PHYSICS PRINCIPLES AND APPLICATIONS
Wednesday 04/12/2024	CH111	PHYSICAL CHEMISTRY
Thursday 05/12/2024	CH112	ORGANIC CHEMISTRY
Monday 23/12/2024	GL111	FUNDAMENTALS OF GEOLOGY & UNDERSTANDING THE PLANET EARTH

SEMESTER - II

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Friday 06/12/2024	GL121	STRATIGRAPHY & SEDIMENTATION
Saturday 07/12/2024	GL122	INTRODUCTION TO PETROLOGY & STRUCTURAL GEOLOGY
Monday 09/12/2024	GG121	INTRODUCTION TO HUMAN GEOGRAPHY
Tuesday 10/12/2024	GG122	POPULATION & SETTLEMENT GEOGRAPHY
Wednesday 11/12/2024	ZO121	ANIMAL SYSTEMATICS & DIVERSITY II
	EL121	FUNDAMENTALS OF DIGITAL ELECTRONICS

Thursday 12/12/2024	ZO122	CELL BIOLOGY
	EL122	ANALOG & DIGITAL DEVICE APPLICATIONS
Friday 13/12/2024	BO121	PLANT DIVERSITY & UTILIZATION - II
Saturday 14/12/2024	BO122	PRINCIPLES OF PLANT SCIENCE
Monday 16/12/2024	MT121	ANALYTICAL GEOMETRY
Tuesday 17/12/2024	MT122	CALCULUS - II
Wednesday 18/12/2024	PH121	HEAT AND THERMODYNAMICS
Thursday 19/12/2024	PH122	ELECTRICITY AND MAGNETISM
Friday 20/12/2024	CH121	INORGANIC CHEMISTRY
Saturday 21/12/2024	CH122	ANALYTICAL CHEMISTRY

SEMESTER - III

Time: 2.30 PM To 4.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	GL232	PALAEONTOLOGY
Friday 22/11/2024	GG231	ENVIRONMENTAL GEOGRAPHY - I
Saturday 23/11/2024	GG232	GEOGRAPHY OF MAHARASHTRA - I (PHYSICAL)
Monday 25/11/2024	ZO231	ANIMAL SYSTEMATICS AND DIVERSITY - III
	EL231	COMMUNICATION ELECTRONICS
Tuesday 26/11/2024	ZO232	ECONOMIC ZOOLOGY - I
	EL232	DIGITAL SYSTEM DESIGN
Wednesday 27/11/2024	BO231	TAXONOMY OF ANGIOSPERMS & PLANT ECOLOGY
Thursday 28/11/2024	BO232	PLANT PHYSIOLOGY
Friday 29/11/2024	MT231	CALCULUS OF SEVERAL VARIABLES
Saturday 30/11/2024	MT232A	DISCRETE MATHEMATICAL STRUCTURES
	MT232B	LAPLACE TRANSFORMS & FOURIER SERIES
Monday 02/12/2024	PHY-231	MATHEMATICAL METHODS IN PHYSICS
Tuesday 03/12/2024	PHY232A	ELECTRONICS - I

	PHY232B	INSTRUMENTATION
Wednesday 04/12/2024	CH231	PHYSICAL AND ANALYTICAL CHEMISTRY
Thursday 05/12/2024	CH232	ORGANIC AND INORGANIC CHEMISTRY
Friday 06/12/2024	ENG231	AECC-II A - ENGLISH
	MAR231	AECC-II B - MARATHI : UPAYOJIT MARATHI
	HIN231	AECC-II C – HINDI
Saturday 07/12/2024	EVS231	AECC-I ENVIRONMENTAL AWARENESS
Saturday 28/12/2024	GL231	STRUCTURAL GEOLOGY

SEMESTER - IV

Time: 2.30 PM To 4.30 PM

Day & Date	Paper Code	Subject
Monday 09/12/2024	GL241	GLOBAL TECTONICS & GEODYNAMICS OF THE LITHOSPHERE
Tuesday 10/12/2024	GL242	ENVIRONMENTAL GEOLOGY & GEOGENIC DISASTERS
Wednesday 11/12/2024	GG241	ENVIRONMENTAL GEOGRAPHY - II
Thursday 12/12/2024	GG242	GEOGRAPHY OF MAHARASHTRA - II (HUMAN)
Friday 13/12/2024	ZO241	ANIMAL SYSTEMATICS AND DIVERSITY - IV
	EL241	ANALOG CIRCUIT DESIGN
Saturday 14/12/2024	ZO242	ECONOMIC ZOOLOGY - II
	EL242	MICROCONTROLLER & PYTHON PROGRAMMING
Monday 16/12/2024	BO241	PLANT ANATOMY AND EMBRYOLOGY
Tuesday 17/12/2024	BO242	PLANT BIOTECHNOLOGY
Wednesday 18/12/2024	MT241	LINEAR ALGEBRA
Thursday 19/12/2024	MT242A	VECTOR CALCULUS
	MT242B	NUMERICAL ANALYSIS
Friday 20/12/2024	PHY241	OSCILLATIONS, WAVES AND SOUND
Saturday 21/12/2024	PHY242A	OPTICS
Monday 23/12/2024	CH241	PHYSICAL AND ANALYTICAL CHEMISTRY
Tuesday 24/12/2024	CH242	ORGANIC AND INORGANIC CHEMISTRY

Thursday 26/12/2024	ENG241	AECC-IV A - ENGLISH
	MAR241	AECC-IV B - MARATHI : MARATHI SAHITYA
	HIN241	AECC-IV C - HINDI
Friday 27/12/2024	EVS241	AECC-I ENVIRONMENTAL AWARENESS

SEMESTER – V (Mathematics)

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	MT351	SET THEORY & LOGIC
Friday 22/11/2024	MT352	REAL ANALYSIS
Saturday 23/11/2024	MT353	GROUP THEORY
Monday 25/11/2024	MT354	ORDINARY DIFFERENTIAL EQUATIONS
Tuesday 26/11/2024	MT355(A)	OPERATIONS RESEARCH
	MT355(B)	C PROGRAMMING
Wednesday 27/11/2024	MT356(A)	GRAPH THEORY
	MT356(B)	COMPUTATIONAL GEOMETRY

PHYSICS

SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	PH351	MATHEMATICAL METHODS IN PHYSICS-I
Friday 22/11/2024	PH352	ELECTRODYNAMICS
Saturday 23/11/2024	PH353	CLASSICAL MECHANICS
Monday 25/11/2024	PH354	ATOMIC AND MOLECULAR PHYSICS
Tuesday 26/11/2024	PH355	COMPUTATIONAL PHYSICS
Wednesday 27/11/2024	PH356	ELEMENTS OF MATERIAL SCIENCE
Thursday 28/11/2024	PH3510	PYTHON PROGRAMMING

Friday 29/11/2024	PH3511	PHYSICS WORKSHOP SKILL
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CHEMISTRY

SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	CH351	PHYSICAL CHEMISTRY - I
Friday 22/11/2024	CH352	ANALYTICAL CHEMISTRY - I
Saturday 23/11/2024	CH354	INORGANIC CHEMISTRY - I
Monday 25/11/2024	CH355	INDUSTRIAL CHEMISTRY - I
Tuesday 26/11/2024	CH357	ORGANIC CHEMISTRY- I
Wednesday 27/11/2024	CH358	CHEMISTRY OF BIOMOLECULES
Thursday 28/11/2024	CH3510	INTRODUCTION OF MEDICINAL CHMISTRY
Friday 29/11/2024	CH3511	ENVIRONMENTAL CHEMISTRY

ELECTRONICS

SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	EL351	DIGITAL DESIGN USING VERILOG
Friday 22/11/2024	EL352	MICROCONTROLLER ARCHITECTURE AND PROGRAMMING
Saturday 23/11/2024	EL353	ANALOG CIRCUIT DESIGN AND APPLICATIONS
Monday 25/11/2024	EL354	NANOELECTRONICS
Tuesday 26/11/2024	EL355	SIGNALS AND SYSTEMS
Wednesday 27/11/2024	EL356	OPTICS AND FIBER OPTIC COMMUNICATION
Thursday 28/11/2024	EL3510	ELECTRONIC DESIGN AUTOMATION TOOLS
Friday 29/11/2024	EL3511	INTERNET OF THINGS AND APPLICATIONS

BOTANY

SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	BO351	Algae and Fungi
Friday 22/11/2024	BO352	Archegoniate
Saturday 23/11/2024	BO353	Spermatophyta and Paleobotany
Monday 25/11/2024	BO354	Plant Ecology
Tuesday 26/11/2024	BO355	Cell and Molecular Biology
Wednesday 27/11/2024	BO356	Genetics
Thursday 28/11/2024	BO3510	Medicinal Botany
Friday 29/11/2024	BO3511	Plant Diversity and Human Health

ZOOLOGY

SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	ZO351	PEST MANAGEMENT
Friday 22/11/2024	ZO352	HISTOLOGY
Saturday 23/11/2024	ZO353	BIOLOGICAL CHEMISTRY
Monday 25/11/2024	ZO354	GENETICS
Tuesday 26/11/2024	ZO355	DEVELOPMENTAL BIOLOGY
Wednesday 27/11/2024	ZO356	PARASITOLOGY
Thursday 28/11/2024	ZO3510	AQUARIUM MANAGEMENT
Friday 29/11/2024	ZO3511	POULTRY MANAGEMENT

GEOLOGY (SEMESTER – V)

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	GL351	GEOLOGY OF INDIA - I
Friday 22/11/2024	GL352	MINERAL RESOURCES
Saturday 23/11/2024	GL353	MARINE GEOLOGY
Monday 25/11/2024	GL354	ENGINEERING GEOLOGY
Tuesday 26/11/2024	GL355	HYDROGEOLOGY
Wednesday 27/11/2024	GL356	APPLIED GEOPHYSICS
Thursday 28/11/2024	GL3510	GEOTECHNOLOGY
Friday 29/11/2024	GL3511	GEMMOLOGY AND GEM TESTING

GEOGRAPHY SEMESTER - V

Time: 10.30 AM To 12.30 PM

Day & Date	Paper Code	Subject
Thursday 21/11/2024	GG351	REGIONAL GEOGRAPHY OF INDIA - I
Friday 22/11/2024	GG352	GEOGRAPHY OF ECONOMIC ACTIVITIES - I
Saturday 23/11/2024	GG353	FUNDAMENTALS OF TOURISM
Monday 25/11/2024	GG354	GEOGRAPHY OF SOIL - I
Tuesday 26/11/2024	GG355	MANAGEMENT OF NATURAL DISASTERS
Wednesday 27/11/2024	GG356	GEOINFORMATICS - I
Thursday 28/11/2024	GG3510	RESEARCH METHODOLOGY – I
Friday 29/11/2024	GG3511	ELEMENTARY SURVEYING



C.O.E.

Nowrosjee Wadia College,
Pune - 01



In- Charge Principal
Nowrosjee Wadia College,
Pune - 01

Place: Pune
Date: 15/10/2024