



दिल्ली विश्वविद्यालय
UNIVERSITY OF DELHI

SEMESTER EXAMINATIONS - (MAY/JUNE-2023)

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

Semester Scheme (Admissions of 2019, 2020 & 2021)

Life Sciences, Applied Life Sciences (Agro Chemical and Pest Management), Physical Sciences and Applied Physical Science (Analytical Chemistry, Industrial Chemistry) & Mathematical Science

TIME OF COMMENCEMENT: 9:00 AM to 12:00 NOON

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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12th May, 2023 (Friday)

Skill Enhancement Elective

	VI	42163601	Intellectual Property Rights
	VI	42173901	Plants Quarantine
	VI	42173902	Biotechnology
	VI	42173903	Plant health diagnostics and Management
	VI	42173905	Plants regulators and Economic Botany
	VI	42173906	Forensic Science
	VI	42173907	Biotechnological control of Pest
	VI	42173909	Biological Control of Crop pests
	VI	42173910	Intellectual Property Rights(IPR)
	VI	42173913	Conventional Insecticides
	VI	42173915	Use of nuclear technology for agro-pest management
	VI	42173917	Biological Insecticides
	VI	42173918	Pesticide Formulations
	VI	42173919	Analytical Techniques involved in Pesticide Analysis
	VI	42173920	Quality control in IPM
	VI	42173921	Medicinal Plants and IPR (Intellectual Property Rights)
	VI	42173922	Analytical Clinical Biochemistry
	VI	42173923	Basic Analytical Chemistry
	VI	42173924	Instrumental Methods of Analysis
	VI	42173925	Basic Principles and Laboratory Operation
	VI	32173901	IT Skills for Chemists
	VI	32173903	Chemical Technology & Society
	VI	32173904	Chemoinformatics
	VI	32173905	Business Skills for Chemists
	VI	32173908	Green Methods in Chemistry
	VI	32173909	Pharmaceutical Chemistry
	VI	32173910	Chemistry of Cosmetics & Perfumes
	VI	32173911	Pesticide Chemistry
	VI	32173912	Fuel Chemistry
	VI	42343601	Android Programming

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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12th May, 2023 (Friday)

Skill Enhancement Elective

	VI	42343602	PHP Programming
	VI	42353605	Statistical software R
	VI	42363601	Business Data Analysis
	VI	42373602	Statistical Techniques for Research Methods
	VI	42363601	Business Data Analysis
	VI	32223901	Physics Workshop Skills
	VI	32223902	Computational Physics Skills
	VI	32223903	Electrical circuits and Network Skills
	VI	32223904	Basic Instrumentation Skills
	VI	32223905	Renewable Energy and Energy harvesting
	VI	32233905	Sericulture
	VI	32223906	Technical Drawing
	VI	32223907	Radiation Safety
	VI	32223908	Applied Optics
	VI	32223909	Weather Forecasting
	VI	32233902	Aquarium Fish Keeping
	VI	32513901	Design and Fabrication of Printed Circuit Boards
	VI	42233902	Aquatic Biology
	VI	42233904	Public Health and Hygiene
	VI	42223901	Introduction of Physical Computing
	VI	42223902	Numerical Analysis

15th May, 2023 (Monday)

Computer Science	IV	42344403	Computer System Architecture
Electronics	IV	42514413	Microprocessor and Microcontroller
Chemistry	IV	42174404	Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics
Applied Life Science with Agro Chemical & Pest Management	IV	42174405	Organic Chemistry-2

16th May, 2023 (Tuesday)

Computer Science	II	42341202	Database Management Systems
Electronics	II	42511201	Linear and Digital Integrated Circuits
Chemistry	II	42171205	Chemical Energetics, Equilibria & Functional Group Organic Chemistry-I
Applied Life Science with Agro Chemical & Pest Management	II	42171211	Organic Chemistry -1

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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17th May, 2023 (Wednesday)

Skill Enhancement Elective

	IV	42173901	Plants Quarantine
	IV	42173903	Plant health diagnostics and Management
	IV	42173905	Plants regulators and Economic Botany
	IV	42173907	Biotechnological control of Pest
	IV	42173909	Biological Control of Crop pests
	IV	42173911	Insect Toxicology
	IV	42173913	Conventional Insecticides
	IV	42173915	Use of nuclear technology for agro-pest management
	IV	42173917	Biological Insecticides
	IV	42173918	Pesticide Formulations
	IV	42173919	Analytical Techniques involved in Pesticide Analysis
	IV	42173920	Quality control in IPM
	IV	42173921	Medicinal Plants and IPR (Intellectual Property Rights)
	IV	42173924	Instrumental Methods of Analysis
	IV	42173925	Basic Principles and Laboratory Operation
	IV	42343409	Programming in C++
	IV	42343410	Programming in Java
	IV	32163404	Medicinal Botany
	IV	32173901	IT Skills for Chemists
	IV	42173923	Basic Analytical Chemistry
	IV	32173903	Chemical Technology & Society
	IV	32173904	Chemoinformatics
	IV	32173905	Business Skills for Chemists
	IV	42173922	Analytical Clinical Biochemistry
	IV	32173908	Green Methods in Chemistry
	IV	32173909	Pharmaceutical Chemistry
	IV	32173910	Chemistry of Cosmetics & Perfumes
	IV	32173911	Pesticide Chemistry
	IV	32173912	Fuel Chemistry
	IV	42233902	Aquatic Biology
	IV	42233904	Public Health and Hygiene
	IV	32233905	Sericulture
	IV	42353405	Mathematical Typesetting System: Latex
	IV	42363406	Project Management
	IV	42363407	Essentials of Data Analysis
	IV	42373407	Statistical Computing using C
	IV	42173902	Biotechnology
	IV	42173906	Forensic Science
	IV	32173908	Green Methods in Chemistry

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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17th May, 2023 (Wednesday) Contd..

Skill Enhancement Elective

	IV	42173910	Intellectual Property Rights(IPR)
	IV	32223901	Physics Workshop Skills
	IV	32223902	Computational Physics Skills
	IV	32223903	Electrical circuits and Network Skills
	IV	32223904	Basic Instrumentation Skills
	IV	32223905	Renewable Energy and Energy harvesting
	IV	32223906	Technical Drawing
	IV	32223907	Radiation Safety
	IV	32223908	Applied Optics
	IV	32223909	Weather Forecasting
	IV	32223912	Numerical Analysis

18th May, 2023 (Thursday)

Life Science	II	42161201	Plant Ecology and Taxonomy
Applied Life Science with Agro Chemical & Pest Management	II	42171201	Agricultural Botany and Weed science

19th May, 2023 (Friday)

Industrial Chemistry	IV	42174406	Industrial Chemistry- 4: Pharmaceuticals, Fermentation, Pesticides & Perfumes
App. Life Science with Agro Chemical & Pest Management	IV	42174407	Molecular biology and Development biology
Analytical Chemistry	IV	42174401	Separation Methods-2

20th May, 2023 (Saturday)

Mathematics	IV	42354401	Real Analysis
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22nd May, 2023 (Monday)

Physics	II	42221201	Electricity, Magnetism and EMT
Industrial Chemistry	II	42171209	Industrial Chemistry-Fossilfules, Cleansing Agents and Food Additives

23rd May, 2023 (Tuesday)

Life Science	IV	42234406	Genetics and Evolutionary Biology
Applied Life Science with Agro Chemical & Pest Management	IV	42174402	Developmental Biology: Plants

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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24th May, 2023 (Wednesday)

Discipline Specific Elective-1B

Electronics	VI	42517614	Verilog and FPGA based system Design
Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347610	Computer Networks
		42347606	Analysis of Algorithms
App. Life Science with Agro Chemical & Pest Management	VI	42167903	Genetics and Plant Biotechnology
	VI	42167906	Plants regulators and Economic Botany
	VI	42237907	General Entomology
	VI	42237908	Applied Entomology
	VI	42237909	Integrated Pest Management
	VI	42177933	Soils And Fertilizers
	VI	42177937	Herbicides
	VI	42177935	Fungicides
Analytical/Industry Chemistry	VI	42177915	Analytical Biochemistry
	VI	42177916	Instrumental Methods of Analysis
	VI	32177908	Green Chemistry
	VI	42177918	Industrial Chemicals and Environment
	VI	42177919	Application of Computers in Chemistry
	VI	42177920	Molecular Modelling & Drug Design
	VI	32177901	Novel Inorganic Solids
	VI	32177906	Polymer Chemistry
	VI	32177907	Research Methodology for Chemistry
	VI	32177902	Inorganic Materials of Industrial Importance
	VI	42177925	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	VI	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	VI	32177904	Analytical Methods in Chemistry
	VI	42357633	Differential Equations
	VI	42357634	Calculus and Geometry
Life Sciences	VI	42167901	Economic Botany and Biotechnology
	VI	42167902	Cell and Molecular Biology.
	VI	42167904	Analytical Techniques in Plant Sciences
	VI	42167905	Bioinformatics
	VI	42167907	Research Methodology
	VI	42177913	Molecules of Life
	VI	32237910	Reproductive Biology

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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24th May, 2023 (Wednesday)

Discipline Specific Elective-1B

Life Sciences	VI	32237911	Wild Life Conservation and Management
	VI	42237903	Animal Biotechnology
	VI	42237904	Immunology
	VI	42237905	Applied Zoology
	VI	42237912	Insect, Vector and Diseases
	VI	42237913	Aquatics Biology
	Mathematics	VI	42357618
VI		42357602	Probability and Statistics
Operational Research	VI	42367903	Integer Programming and Theory of Games
	VI	42367904	Logistics and Supply Chain Management
Physics	VI	42227637	Solid State Physics
	VI	42227638	Embedded System: Introduction to microcontroller
	VI	42227639	Nuclear and Particle Physics
	VI	42227640	Quantum Mechanics
	VI	42227641	Digital Signal processing
	VI	42227642	Astronomy and Astrophysics
	VI	42227643	Atmospheric Physics
	VI	42227644	Physics of the Earth
Statistics	VI	42377603	Index Number and Time Series Analysis
	VI	42377604	Econometrics

25th May, 2023 (Thursday)

Operational Research	IV	42364401	Network Models and Scheduling Techniques
Life Science	IV	42164401	Plant Physiology and Metabolism
Statistics	IV	42374404	Sample Surveys and Design of Experiments (Core)

26th May, 2023 (Friday)

Mathematics	II	42351201	Calculus and Geometry
Industrial Chemistry	II	42351211	Calculus and Matrices

27th May, 2023 (Saturday)

Physics	IV	42224412	Wave and Optics
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29th May, 2023 (Monday)

Operational Research	II	42361202	Inventory and Marketing Management
Life Science	II	42231202	Comparative Anatomy and Development Biology of Vertebrates
Statistics	II	42371204	Statistics Methods (Core)

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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30th May, 2023 (Tuesday)

Discipline Specific Elective-2B

Electronics	VI	42517614	Verilog and FPGA based system Design
Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347610	Computer Networks
		42347606	Analysis of Algorithms
App. Life Science with Agro Chemical & Pest Management	VI	42167903	Genetics and Plant Biotechnology
	VI	42167906	Plants regulators and Economic Botany
	VI	42237907	General Entomology
	VI	42237908	Applied Entomology
	VI	42237909	Integrated Pest Management
	VI	42177933	Soils And Fertilizers
	VI	42177937	Herbicides
	VI	42177935	Fungicides
Analytical/ Industry Chemistry	VI	42177915	Analytical Biochemistry
	VI	42177916	Instrumental Methods of Analysis
	VI	32177908	Green Chemistry
	VI	42177918	Industrial Chemicals and Environment
	VI	42177919	Application of Computers in Chemistry
	VI	42177920	Molecular Modelling & Drug Design
	VI	32177901	Novel Inorganic Solids
	VI	32177906	Polymer Chemistry
	VI	32177907	Research Methodology for Chemistry
	VI	32177902	Inorganic Materials of Industrial Importance
	VI	42177925	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	VI	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	VI	32177904	Analytical Methods in Chemistry
	VI	42357633	Differential Equations
	VI	42357634	Calculus and Geometry
Life Sciences	VI	42167901	Economic Botany and Biotechnology
	VI	42167902	Cell and Molecular Biology.
	VI	42167904	Analytical Techniques in Plant Sciences
	VI	42167905	Bioinformatics
	VI	42167907	Research Methodology
	VI	42177913	Molecules of Life
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
30th May, 2023 (Tuesday) Contd..			Discipline Specific Elective-2B
Life Science	VI	42237903	Animal Biotechnology
	VI	42237904	Immunology
	VI	42237905	Applied Zoology
	VI	42237912	Insect, Vector and Diseases
	VI	42237913	Aquatics Biology
Mathematics	VI	42357618	Numerical Methods
	VI	42357602	Probability and Statistics
Operational Research	VI	42367903	Integer Programming and Theory of Games
	VI	42367904	Logistics and Supply Chain Management
Physics	VI	42227637	Solid State Physics
	VI	42227638	Embedded System: Introduction to microcontroller
	VI	42227639	Nuclear and Particle Physics
	VI	42227640	Quantum Mechanics
	VI	42227641	Digital Signal processing
	VI	42227642	Astronomy and Astrophysics
	VI	42227643	Atmospheric Physics
	VI	42227644	Physics of the Earth
	VI	42227645	Biological physics
Statistics	VI	42377603	Index Number and Time Series Analysis
	VI	42377604	Econometrics

31st May, 2023 (Wednesday)

Analytical Chemistry	II	42171204	Separation Methods-I (General Chromatography, Centrifugation, Dialysis)
App. Life Science with Agro Chemical & Pest Management	II	42171202	Cell and cellular Processes

01st June, 2023 (Thursday)

Discipline Specific Elective-3B

Electronics	VI	42517614	Verilog and FPGA based system Design
Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347610	Computer Networks
		42347606	Analysis of Algorithms
App. Life Science with Agro Chemical & Pest Management	VI	42167903	Genetics and Plant Biotechnology
	VI	42167906	Plants regulators and Economic Botany
	VI	42237907	General Entomology
	VI	42237908	Applied Entomology
	VI	42237909	Integrated Pest Management

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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01st June, 2023 (Thursday)

Discipline Specific Elective-3B

	VI	42177933	Soils And Fertilizers
	VI	42177937	Herbicides
	VI	42177935	Fungicides
Analytical/Industry Chemistry	VI	42177915	Analytical Biochemistry
	VI	42177916	Instrumental Methods of Analysis
	VI	32177908	Green Chemistry
	VI	42177918	Industrial Chemicals and Environment
	VI	42177919	Application of Computers in Chemistry
	VI	42177920	Molecular Modelling & Drug Design
	VI	32177901	Novel Inorganic Solids
	VI	32177906	Polymer Chemistry
	VI	32177907	Research Methodology for Chemistry
	VI	32177902	Inorganic Materials of Industrial Importance
	VI	42177925	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	VI	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	VI	32177904	Analytical Methods in Chemistry
	VI	42357633	Differential Equations
	VI	42357634	Calculus and Geometry
Life Sciences	VI	42167901	Economic Botany and Biotechnology
	VI	42167902	Cell and Molecular Biology.
	VI	42167904	Analytical Techniques in Plant Sciences
	VI	42167905	Bioinformatics
	VI	42167907	Research Methodology
	VI	42177913	Molecules of Life
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management
	VI	42237903	Animal Biotechnology
	VI	42237904	Immunology
	VI	42237905	Applied Zoology
	VI	42237912	Insect, Vector and Diseases
	VI	42237913	Aquatics Biology
Mathematics	VI	42357618	Numerical Methods
	VI	42357602	Probability and Statistics
Operational Research	VI	42367903	Integer Programming and Theory of Games
	VI	42367904	Logistics and Supply Chain Management
Physics	VI	42227637	Solid State Physics
	VI	42227638	Embedded System: Introduction to microcontroller
	VI	42227639	Nuclear and Particle Physics

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS-LOCF) Semester Examinations May/June -2023 meant for Part-3 (VI Semester) & Part-2 (IV Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (IInd Semester) shall also appear as per rule.

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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01st June, 2023 (Thursday)

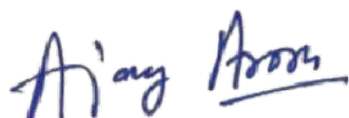
Discipline Specific Elective-3B

Physics	VI	42227640	Quantum Mechanics
	VI	42227641	Digital Signal processing
	VI	42227642	Astronomy and Astrophysics
	VI	42227643	Atmospheric Physics
	VI	42227644	Physics of the Earth
	VI	42227645	Biological physics
Statistics	VI	42377603	Index Number and Time Series Analysis
	VI	42377604	Econometrics

Note:- Discipline Specific Elective-1B, 2B & 3B (As per student option)

The student shall appear in this paper based on alphabetical order. The colleges shall prepare their list of students appearing in the Discipline Specific Elective paper based on the alphabetic order of paper.

- All information related with datesheet like Modification, Updation etc. shall only be notified on official website of University of Delhi i.e. www.du.ac.in.
- Information given only on the University website i.e. www.du.ac.in. shall be considered official.



O.S.D. (Examinations)
Delhi, the 10th April, 2023



Dean (Examinations)