



दिल्ली विश्वविद्यालय
UNIVERSITY OF DELHI

SEMESTER EXAMINATIONS - (DECEMBER-2021)

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam (CBCS) Semester Examination December 2021 meant for Part-1,3 & 5 (I/III & V Semester) Dec-2021

Semester Scheme (Admissions of 2017 & 2018)

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

Time of Commencement: 9:30 AM

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
01st December, 2021 (Wednesday)			<i>Skill Enhancement Elective</i>
	V	42163512_OC	Ethno Botany
	V	42173901_OC	Plants Quarantine
	V	42173902_OC	Biotechnology
	V	42173903_OC	Plant health diagnostics and Management
	V	42173905_OC	Plants regulators and Economic Botany
	V	42173906_OC	Forensic Science
	V	42173907_OC	Biotechnological control of Pest
	V	42173909_OC	Biological Control of Crop pests
	V	42173910/_OC	Intellectual Property Rights(IPR)
	V	42173911_OC	Insect Toxicology
	V	42173913_OC	Conventional Insecticides
	V	42173915_OC	Use of nuclear technology for agro-pest management
	V	42173917_OC	Biological Insecticides
	V	42173918_OC	Pesticide Formulations
	V	42173919_OC	Analytical Techniques involved in Pesticide Analysis
	V	42173920_OC	Quality control in IPM
	V	42173921_OC	Medicinal Plants and IPR (Intellectual Property Rights)
	V	42173922_OC	Analytical Clinical Biochemistry
	V	42173923/_OC	Basic Analytical Chemistry
	V	42173924_OC	Instrumental Methods of Analysis
	V	32173901_OC	IT Skills for Chemists
	V	32173903_OC	Chemical Technology & Society
	V	32173904_OC	Chemoinformatics
	V	32173905_OC	Business Skills for Chemists
	V	32173908_OC	Green Methods in Chemistry
	V	32173909_OC	Pharmaceutical Chemistry
	V	32173910_OC	Chemistry of Cosmetics & Perfumes
	V	32173911_OC	Pesticide Chemistry
	V	32173912_OC	Fuel Chemistry
	V	42343501_OC	System Administration and Maintenance

Note: In Open Book Examinations (OBE) mode as special measure for Academic session 2021-22 in view of Covid-19 pandemic

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
01st December, 2021 (Wednesday) Contd...			<i>Skill Enhancement Elective</i>
	V	42363501_OC	Portfolio Optimization
	V	42353501_OC	Operating System: Linux
	V	42353503_OC	Statistical Software: R
	V	32223901_OC	Physics Workshop Skills
	V	32223902_OC	Computational Physics Skills
	V	32223903_OC	Electrical circuits and Network Skills
	V	32223904_OC	Basic Instrumentation Skills
	V	32223905_OC	Renewable Energy and Energy harvesting
	V	32233905_OC	Sericulture
	V	32223906_OC	Technical Drawing
	V	32223907_OC	Radiation Safety
	V	32223908_OC	Applied Optics
	V	32223909_OC	Weather Forecasting
	V	32233902_OC	Aquarium Fish Keeping
	V	32513901_OC	Design and Fabrication of Printed Circuit Boards
	V	42233902_OC	Aquatic Biology
	V	42233904_OC	Public Health and Hygiene

02nd December, 2021 (Thursday)			<i>Skill Enhancement Elective</i>
	III	42173901_OC	Plants Quarantine
	III	42173903_OC	Plant health diagnostics and Management
	III	42173905_OC	Plants regulators and Economic Botany
	III	42173907_OC	Biotechnological control of Pest
	III	42173909_OC	Biological Control of Crop pests
	III	42173911_OC	Insect Toxicology
	III	42173913_OC	Conventional Insecticides
	III	42173915_OC	Use of nuclear technology for agro-pest management
	III	42173917_OC	Biological Insecticides
	III	42173918_OC	Pesticide Formulations
	III	42173919_OC	Analytical Techniques involved in Pesticide Analysis
	III	42173920_OC	Quality control in IPM
	III	42173921_OC	Medicinal Plants and IPR (Intellectual Property Rights)
	III	42173924_OC	Instrumental Methods of Analysis
	III	42343306_OC	Office Automation Tools
	III	42363307_OC	Operational Research Applications
	III	42163302_OC	Biofertilizers
	III	32173901_OC	IT Skills for Chemists
	III	42173923/_OC	Basic Analytical Chemistry
	III	32173903_OC	Chemical Technology & Society
	III	32173904_OC	Chemoinformatics
	III	32173905_OC	Business Skills for Chemists
	III	32163302_OC	Intellectual Property Rights
	III	42173922_OC	Analytical Clinical Biochemistry
	III	32173908_OC	Green Methods in Chemistry

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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02nd December, 2021 (Thursday) Contd...

Skill Enhancement Elective

	III	32173909_OC	Pharmaceutical Chemistry
	III	32173910_OC	Chemistry of Cosmetics & Perfumes
	III	32173911_OC	Pesticide Chemistry
	III	32173912_OC	Fuel Chemistry
	III	42233902_OC	Aquatic Biology
	III	42233904_OC	Public Health and Hygiene
	III	32233905_OC	Sericulture
	III	32353301_OC	Latex and HTM
	III	42353327_OC	Mathematical Type setting System Latex
	III	42363307_OC	Operational Research Applications
	III	42173902_OC	Biotechnology
	III	42173906_OC	Forensic Science
	III	32173908_OC	Green Methods in Chemistry
	III	42173910/_OC 32173906_OC	Intellectual Property Rights(IPR)
	III	32223901_OC	Physics Workshop Skills
	III	32223902_OC	Computational Physics Skills
	III	32223903_OC	Electrical circuits and Network Skills
	III	32223904_OC	Basic Instrumentation Skills
	III	32223905_OC	Renewable Energy and Energy harvesting
	III	32223906_OC	Technical Drawing
	III	32223907_OC	Radiation Safety
	III	32223908_OC	Applied Optics
	III	32223909_OC	Weather Forecasting

03rd December, 2021 (Friday)

Computer Science	III	42344304_OC	Operating System
Electronics	III	42514305_OC	Communication Electronics

04th December, 2021 (Saturday)

Life Science	I	42161101_OC	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)
Applied Life Science with Agro Chemical & Pest Management	I	42171101_OC	Biology of Life forms Plants

05th December, 2021 (Sunday)

Analytical Chemistry	III	42174301_OC	Quantitative Methods of Analysis
Physics	III	42224303_OC	Thermal Physics and Statistical Mechanics

06th December, 2021 (Monday)

Discipline Specific Elective-1A

Electronics	V	42517511_OC	Semiconductor Devices Fabrication
Computer Science	V	42347901_OC	Programming in JAVA

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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06th December, 2021 (Monday) Contd..

Discipline Specific Elective-1A

App. Life Science with Agro Chemical & Pest Management	V	42167903_OC	Genetics and Plant Biotechnology
	V	42167906_OC	Plants regulators and Economic Botany
	V	42237907_OC	General Entomology
	V	42237908_OC	Applied Entomology
	V	42237909_OC	Integrated Pest Management
	V	42177933_OC	Soils And Fertilizers
	V	42177937_OC	Herbicides
	V	42177935_OC	Fungicides
Analytical Chemistry/ Industry Chemistry	V	42177915_OC	Analytical Biochemistry
	V	42177916_OC	Instrumental Methods of Analysis
	V	32177908_OC	Green Chemistry
	V	42177918_OC	Industrial Chemicals and Environment
	V	42177919_OC	Application of Computers in Chemistry
	V	42177920_OC	Molecular Modelling & Drug Design
	V	32177901_OC	Novel Inorganic Solids
	V	32177906_OC	Polymer Chemistry
	V	32177907_OC	Research Methodology for Chemistry
	V	32177902_OC	Inorganic Materials of Industrial Importance
	V	42177925_OC	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	V	42177926_OC	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	V	32177904_OC	Analytical Methods in Chemistry
Life Sciences	V	42167901_OC	Economic Botany and Biotechnology
	V	42167902_OC	Cell and Molecular Biology.
	V	42167904_OC	Analytical Techniques in Plant Sciences
	V	42167905_OC	Bioinformatics
	V	42167907_OC	Research Methodology
	V	42177913_OC	Molecules of Life
	V	32237910_OC	Reproductive Biology
	V	32237911_OC	Wild Life Conservation and Management
	V	42237903_OC	Animal Biotechnology
	V	42237904_OC	Immunology
	V	42237905_OC	Applied Zoology
Mathematics	V	42357501_OC	Differential Equations
	V	42357502_OC	Mechanics and Discrete Mathematics
	V	42357932_OC	Calculus and Geometry
Operational Research	V	42367901_OC	Queueing and Reliability Theory
Operational Research	V	42367902_OC	Quality Management

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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06th December, 2021 (Monday) Contd.. Discipline Specific Elective-1A

Physics	V	42227530_OC	Digital, Analog and Instrumentation
Physics	V	42227531_OC	Mathematical Physics
Physics	V	42227532_OC	Nano Materials and Applications
Physics	V	42227533_OC	Communication System
Physics	V	42227534_OC	Verilog and FPGA based system design
Physics	V	42227535_OC	Medical Physics
Physics	V	42227536_OC	Applied Dynamics
Physics	V	42227928_OC	Electricity and Magnetism
Physics	V	42227929_OC	Elements of Modern Physics

07th December, 2021 (Tuesday)

Operational Research	III	42364303_OC	Optimization Techniques
Life Science	III	42234301_OC	Physiology and Biochemistry

08th December, 2021 (Wednesday)

Mathematics	I	42351101_OC	Mathematics-I (Calculus and Matrices)
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09th December, 2021 (Thursday)

Physics	I	42221101_OC	Physics-I (Mechanics)
Industrial Chemistry	I	42171108_OC	Mathophysics Mechanics

10th December, 2021 (Friday)

Life Science	III	42164301_OC	Plant Anatomy and Embryology
Applied*Life Science with Agro Chemical & Pest Management	III	42174302_OC	Fundamentals of Plant Systematics and Ecology

11th December, 2021 (Saturday)

Discipline Specific Elective-2A

Electronics	V	42517512_OC	Electronic Instrumentation
Computer Science	V	42347902_OC	Analysis of Algorithms and Data Structures
App. Life Science with Agro Chemical & Pest Management	V	42167903_OC	Genetics and Plant Biotechnology
	V	42167906_OC	Plants regulators and Economic Botany
	V	42237907_OC	General Entomology
	V	42237908_OC	Applied Entomology
	V	42237909_OC	Integrated Pest Management
	V	42177933_OC	Soils And Fertilizers
	V	42177937_OC	Herbicides
	V	42177935_OC	Fungicides

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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11th December, 2021 (Saturday) Contd...

Discipline Specific Elective-2A

Analytical Chemistry/ Industry Chemistry	V	42177915_OC	Analytical Biochemistry
	V	42177916_OC	Instrumental Methods of Analysis
	V	32177908_OC	Green Chemistry
	V	42177918_OC	Industrial Chemicals and Environment
	V	42177919_OC	Application of Computers in Chemistry
	V	42177920_OC	Molecular Modelling & Drug Design
	V	32177901_OC	Novel Inorganic Solids
	V	32177906_OC	Polymer Chemistry
	V	32177907_OC	Research Methodology for Chemistry
	V	32177902_OC	Inorganic Materials of Industrial Importance
	V	42177925_OC	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	V	42177926_OC	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	V	32177904_OC	Analytical Methods in Chemistry
Life Sciences	V	42167901_OC	Economic Botany and Biotechnology
	V	42167902_OC	Cell and Molecular Biology.
	V	42167904_OC	Analytical Techniques in Plant Sciences
	V	42167905_OC	Bioinformatics
	V	42167907_OC	Research Methodology
	V	42177913_OC	Molecules of Life
	V	32237910_OC	Reproductive Biology
	V	32237911_OC	Wild Life Conservation and Management
	V	42237903_OC	Animal Biotechnology
	V	42237904_OC	Immunology
	V	42237905_OC	Applied Zoology
Mathematics	V	42357501_OC	Differential Equations
Mathematics	V	42357502_OC	Mechanics and Discrete Mathematics
Mathematics	V	42357932_OC	Calculus and Geometry
Operational Research	V	42367901_OC	Queuing and Reliability Theory
Operational Research	V	42367902_OC	Quality Management
Physics	V	42227530_OC	Digital, Analog and Instrumentation
Physics	V	42227531_OC	Mathematical Physics
Physics	V	42227532_OC	Nano Materials and Applications
Physics	V	42227533_OC	Communication System
Physics	V	42227534_OC	Verilog and FPGA based system design
Physics	V	42227535_OC	Medical Physics
Physics	V	42227536_OC	Applied Dynamics
Physics	V	42227928_OC	Electricity and Magnetism
Physics	V	42227929_OC	Elements of Modern Physics

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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12th December, 2021 (Sunday)

Operational Research	I	42361102_OC	Introduction to Operational Research and Linear Programming
Life Science	I	42231102_OC	Animal Diversity

13th December, 2021 (Monday)

Discipline Specific Elective-3A

Electronics	V	42517513_OC	Digital Signal Processing
Computer Science	V	42347903_OC	Internet Technologies
App. Life Science with Agro Chemical & Pest Management	V	42167903_OC	Genetics and Plant Biotechnology
	V	42167906_OC	Plants regulators and Economic Botany
	V	42237907_OC	General Entomology
	V	42237908_OC	Applied Entomology
	V	42237909_OC	Integrated Pest Management
	V	42177933_OC	Soils And Fertilizers
	V	42177937_OC	Herbicides
	V	42177935_OC	Fungicides
Analytical Chemistry/ Industry Chemistry	V	42177915_OC	Analytical Biochemistry
	V	42177916_OC	Instrumental Methods of Analysis
	V	32177908_OC	Green Chemistry
	V	42177918_OC	Industrial Chemicals and Environment
	V	42177919_OC	Application of Computers in Chemistry
	V	42177920_OC	Molecular Modelling & Drug Design
	V	32177901_OC	Novel Inorganic Solids
	V	32177906_OC	Polymer Chemistry
	V	32177907_OC	Research Methodology for Chemistry
	V	32177902_OC	Inorganic Materials of Industrial Importance
	V	42177925_OC	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	V	42177926_OC	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	V	32177904_OC	Analytical Methods in Chemistry
Life Sciences	V	42167901_OC	Economic Botany and Biotechnology
	V	42167902_OC	Cell and Molecular Biology.
	V	42167904_OC	Analytical Techniques in Plant Sciences
	V	42167905_OC	Bioinformatics

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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13th December, 2021 (Monday) Contd..

Discipline Specific Elective-3A

	V	42167907_OC	Research Methodology
	V	42177913_OC	Molecules of Life
	V	32237910_OC	Reproductive Biology
	V	32237911_OC	Wild Life Conservation and Management
	V	42237903_OC	Animal Biotechnology
	V	42237904_OC	Immunology
	V	42237905_OC	Applied Zoology
Mathematics	V	42357501_OC	Differential Equations
Mathematics	V	42357502_OC	Mechanics and Discrete Mathematics
Mathematics	V	42357932_OC	Calculus and Geometry
Operational Research	V	42367901_OC	Queuing and Reliability Theory
Operational Research	V	42367902_OC	Quality Management
Physics	V	42227530_OC	Digital, Analog and Instrumentation
Physics	V	42227531_OC	Mathematical Physics
Physics	V	42227532_OC	Nano Materials and Applications
Physics	V	42227533_OC	Communication System
Physics	V	42227534_OC	Verilog and FPGA based system design
Physics	V	42227535_OC	Medical Physics
Physics	V	42227536_OC	Applied Dynamics
Physics	V	42227928_OC	Electricity and Magnetism
Physics	V	42227929_OC	Elements of Modern Physics

14th December, 2021 (Tuesday)

Computer Science	I	42341102_OC	Problem Solving using Computer
Electronics	I	42511101_OC	Network Analysis and Analog Electronics

15th December, 2021 (Wednesday)

Industrial Chemistry	III	42174303_OC	Industrial Chemistry-Inorganic Materials
App. Life Science with Agro Chemical & Pest Management	III	42174307_OC	Biochemistry and Immunology
Mathematics	III	42354302_OC	Algebra

16th December, 2021 (Thursday)

Chemistry	III	42174304_OC	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry-II
Applied Life Science with Agro Chemical & Pest Management	III	42174306_OC	Physical Chemistry

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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17th December, 2021 (Friday)

Chemistry	I	42171103_OC	Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons
Applied Life Science with Agro Chemical & Pest Management	I	42171111_OC	Inorganic Chemistry

18th December, 2021 (Saturday)

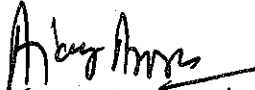
Analytical Chemistry	I	42171104_OC	Basic Principles & Laboratory Operations
Industrial Chemistry	I	42171107_OC	Industrial Chemicals and Environment
App. Life Science with Agro Chemical & Pest Management	I	42171102_OC	Animal Form, Structure and Function

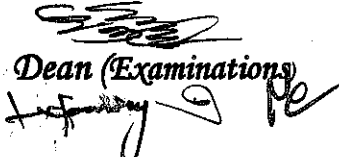
Note: Discipline Specific Elective-1, 2 & 3 (As per student option)

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.

- This is a special measure for academic session 2021-22 in view of the Covid-19-Pandemic.
- The duration for examination is three hours only and one hour can be taken in addition to three hours for downloading question papers and scanning, uploading Answer sheets. The Total duration shall be Four (04) hours. For the PWD students, the total duration shall be six (06) hours.
- 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.

OC – Old Course i.e. for the students admitted in I/III/V Semester prior to 2019.


O.S.D. (Examinations)
Delhi, the 02nd November, 2021


Dean (Examinations)