

दिल्ली विश्वविद्यालय

UNIVERSITY OF DELHI SEMESTER EXAMINATIONS - (DECEMBER-2021)

<u>Date-Sheet for B. Sc. Programme (Choice Based Credit System (CBCS-LOCF) Semester Examinations December-2021 meant for Part-3 (V Semester) & Part-2 (III Semester) students alongwith this only Ex-students, Essential Repeaters and Improvement cases of Part-1 (Ist Semester) shall also appear as per rule.</u>

(Admissions of 2019 & 2020 only)

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

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ATTW YEAR	SEM.	UNIQUE	DESCRIPTION
SUBJECT	DEM.	ONIQUE	DESCRIPTION
	1	PAPER CODE	
		FAFER CODE	

02nd December, 2021 (Thursday)

Skill Enhancement Elective

	V	42163512	Ethno Botany
	v	42173901	Plants Quarantine
	v	42173902	Biotechnology
	v	42173903	Plant health diagnostics and Management
	v	42173905	Plants regulators and Economic Botany
	v	42173906	Forensic Science
	v	42173907	Biotechnological control of Pest
	v	42173909	Biological Control of Crop pests
	V	42173910	Intellectual Property Rights(IPR)
	v	42173911	Insect Toxicology
	v	42173913	Conventional Insecticides
	Tv T	42173915	Use of nuclear technology for agro-pest management
	v	42173917	Biological Insecticides
	V	42173918	Pesticide Formulations
	v	42173919	Analytical Techniques involved in Pesticide Analysis
	v	42173920	Quality control in IPM
	v	42173921	Medicinal Plants and IPR (Intellectual Property Rights)
	v	42173922	Analytical Clinical Biochemistry
	v	42173923	Basic Analytical Chemistry
The state of the s	†v ==	42173924	Instrumental Methods of Analysis
	Tv T	32173901	IT Skills for Chemists
. •	v	32173903	Chemical Technology & Society
	V	32173904	Chemoinformatics
	v	32173905	Business Skills for Chemists
	v	32173908	Green Methods in Chemistry
	V	32173909	Pharmaceutical Chemistry
	V	32173910	Chemistry of Cosmetics & Perfumes
	V	32173911	Pesticide Chemistry
	v	32173912	Fuel Chemistry
	V	42343502	Advanced Programming in Java
	 v	42343503	Web Design Using HTML5

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
02 nd December, 2021 (Thursday) Contd			Skill Enhancement Elective
	V	42363501	Portfolio Optimization
	v	42353504	Transportation and Network Flow Problems
,	V	32223901	Physics Workshop Skills
	V	32223902	Computational Physics Skills
<u></u>	V	32223903	Electrical circuits and Network Skills
	V	32223904	Basic Instrumentation Skills
	٧	32223905	Renewable Energy and Energy harvesting
	V	32233905	Sericulture
	v	32223906	Technical Drawing
	V	32223907	Radiation Safety
	V	32223908	Applied Optics
	V	32223909	Weather Forecasting
	v	32233902	Aquarium Fish Keeping
	v	32513901	Design and Fabrication of Printed Circuit Boards
	v	42233902	Aquatic Biology
	v	42233904	Public Health and Hygiene
	V	42223901	Introduction of Physical Computing
	v	42223902	Numerical Analysis

08th December, 2021 (Wednesday)

Discipline Specific Elective-1A

Electronics	V	42517511	Semiconductor Devices Fabrication
Computer Science	V	42347501	Data Structures
White the control of	V	42347502	Digital Image Processing
App. Life Science with Agro Chemical & Pest Management	V	42167903	Genetics and Plant Biotechnology
	V	42167906	Plants regulators and Economic Botany
	v	42237907	General Entomology
-	v	42237908	Applied Entomology
	v	42237909	Integrated Pest Management
	V	42177933	Soils And Fertilizers
,	V	42177937	Herbicides
	V	42177935	Fungicides
AnalyticalChemistry/ Industry Chemistry	V	42177915	Analytical Biochemistry
	V	42177916	Insturmental Methods of Analysis
	V	32177908	Green Chemistry
	V	42177918	Industrial Chemicals and Environment
A September 1997	v	42177919	Application of Computers in Chemistry
	v	42177920	Molecular Modelling & Drug Design
	V	32177901	Novel Inorganic Solids
	v	32177906	Polymer Chemistry
	V	32177907	Research Methodology for Chemistry

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
08 th December, 20	21 (We	dnesday)	
	Τv	32177902	Inorganic Materials of Industrial Importance
	v	42177925	Chemistry of d-Block elements, Quantum Chemistry &
			Spectroscopy
	v	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear
			Hydrocarbons and UV, IR
	v	32177904	Analytical Methods in Chemistry
	v	32177912	Nanoscale Materials and their Applications
Life Sciences	V	42167901	Economic Botany and Biotechnology
	V	42167902	Cell and Molecular Biology.
	v	42167904	Analytical Techniques in Plant Sciences
	v	42167905	Bioinformatics
	v	42167907	Research Methodology
	v	42177913	Molecules of Life
	V	32237910	Reproductive Biology
	v	32237911	Wild Life Conservation and Management
	v ·	42237903	Animal Biotechnology
,	V	42237904	Immunology
	V	42237905	Applied Zoology
Mathematics	V	42357501	Differential Equations
	v	42357502	Mechanics and Discrete Mathematics
	V	42357932	Calculus and Geometry
Operational Research	V	42367901	Queueing and Reliability Theory
Operational Research	V	42367902	Quality Management
Physics	V	42227530	Digital, Analog and Instrumentation
Physics	V	42227531	Mathematical Physics
Physics	V	42227532	Nano Materials and Applications
Physics	V	42227533	Communication System ,
Physics	V	42227534	Verilog and FPGA based system design
Physics	V.	42227535	Medical Physics
Physics	V	42227536	Applied Dynamics
Physics	V	42227928	Electricity and Magnetism
Physics	V	42227929	Elements of Modern Physics
11 th December, 20			Discipline Specific Elective-2A
Electronics	V	42517512	Electronic Instrumentation
Computer Science	V	42347501	Data Structures
-	V	42347502	Digital Image Processing
App. Life Science	V	42167903	Genetics and Plant Biotechnology
with Agro Chemical	-		
& Pest Management			· .
	V	42167906	Plants regulators and Economic Botany
	. V	42237907	General Entomology

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION	
11th December, 202	21. (Sat	urday) Contd.	Discipline Specific Elective-2A	

	V	42237908	Applied Entomology
	v	42237909	Integrated Pest Management
	v	42177933	Soils And Fertilizers
June 1991	V	42177937	Herbicides
	v	42177935	Fungicides
AnalyticalChemistry/ Industry Chemistry	V	42177915	Analytical Biochemistry
mausiry Chemistry	v	42177916	Insturmental Methods of Analysis
	V	32177908	Green Chemistry
	V	42177918	Industrial Chemicals and Environment
	v	42177919	Application of Computers in Chemistry
internal with the second control of the seco	V	42177920	Molecular Modelling & Drug Design
mann magaripo sa unitara menangan menan	v	32177901	Novel Inorganic Solids
DANIA	v	32177906	Polymer Chemistry
	v	32177907	Research Methodology for Chemistry
	v	32177902	Inorganic Materials of Industrial Importance
	.V.	42177925	Chemistry of d-Block elements, Quantum Chemistry & Spectroscopy
	V	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR
	V	32177912	Nanoscale Materials and their Applications
	V	32177904	Analytical Methods in Chemistry
Life Sciences	V	42167901	Economic Botany and Biotechnology
	V	42167902	Cell and Molecular Biology.
	V	42167904	Analytical Techniques in Plant Sciences
	V	42167905	Bioinformatics
	V	42167907	Research Methodology
	V .	42177913	Molecules of Life
	V	32237910	Reproductive Biology
	V	32237911	Wild Life Conservation and Management
	V	42237903	Animal Biotechnology
	v	42237904	Immunology
	V	42237905	Applied Zoology
Mathematics	V	42357501	Differential Equations
Mathematics	V	42357502	Mechanics and Discrete Mathematics
Mathematics	V	42357932	Calculus and Geometry
Operational Research	V	42367901	Queuing and Reliability Theory
Operational Research	V	42367902	Quality Management
Physics	V	42227530	Digital, Analog and Instrumentation
Physics	v .	42227531	Mathematical Physics
Physics	V	42227532	Nano Materials and Applications
Physics	V	42227533	Communication System

SUBJECT	SEM.	UNIQUE	DESCRIPTION
		PAPER CODE	

11th December, 2021 (Saturday) Contd... Discipline Specific Elective-2A

V	42227534	Verilog and FPGA based system design
V	42227535	Medical Physics
V	42227536	Applied Dynamics
v	42227928	Electricity and Magnetism
v	42227929	Elements of Modern Physics
	V V	V 42227535 V 42227536 V 42227928

14th December, 2021 (Tuesday)

Discipline Specific Elective-3A

Electronics	V	42517513	Digital Signal Processing
Computer Science	v	42347501	Data Structures
-	v	42347502	Digital Image Processing
App. Life Science	V	42167903	Genetics and Plant Biotechnology
with Agro Chemical		-	
& Pest Management			·
	V	42167906	Plants regulators and Economic Botany
	V	42237907	General Entomology
	V	42237908	Applied Entomology
	V	42237909	Integrated Pest Management
	V	42177933	Soils And Fertilizers
	V	42177937	Herbicides
	v	42177935	Fungicides
AnalyticalChemistry/ Industry Chemistry	v	42177915	Analytical Biochemistry
	V	42177916	Insturmental Methods of Analysis
	V	32177908	Green Chemistry
	V	42177918	Industrial Chemicals and Environment
	V	42177919	Application of Computers in Chemistry
	V .	42177920	Molecular Modelling & Drug Design
	V	32177901	Novel Inorganic Solids
	V	32177906	Polymer Chemistry
	V	32177907	Research Methodology for Chemistry
	V	32177902	Inorganic Materials of Industrial Importance
	V	42177925	Chemistry of d-Block elements, Quantum Chemistry &
			Spectroscopy
	V	42177926	Organometallics, Bio-inorganic Chemistry, Polynuclear
			Hydrocarbons and UV, IR
	V	32177912	Nanoscale Materials and their Applications
	V	32177904	Analytical Methods in Chemistry

SUBJECT	SEM.	UNIQUE	DESCRIPTION
		PAPER CODE	

14th December, 2021 (Tuesday) Discipline Specific Elective-3A

			Economic Botany and Biotechnology
	T v	42167902	Cell and Molecular Biology.
	V	42167904	Analytical Techniques in Plant Sciences
The same succession and the sa	V	42167905	Bioinformatics
The State Section of the State	 v	42167907	Research Methodology
Vices	v	42177913	Molecules of Life
	V	32237910	Reproductive Biology
A	T _V	32237911	Wild Life Conservation and Management
	v	42237903	Animal Biotechnology
4.1	T _V	42237904	Immunology
	TV.	42237905	Applied Zoology
Mathematics	V	42357501	Differential Equations
Mathematics	- v	42357502	Mechanics and Discrete Mathematics
Mathematics	V	42357932	Calculus and Geometry
Operational Research	v	42367901	Queuing and Reliability Theory
Operational Research	v	42367902	Quality Management
Physics	v	42227530	Digital, Analog and Instrumentation
Physics	V	42227531	Mathematical Physics
Physics	·v	42227532	Nano Materials and Applications
Physics	v	42227533	Communication System
Physics	Tv T	42227534	Verilog and FPGA based system design
Physics	v	42227535	Medical Physics
Physics	T _V	42227536	Applied Dynamics
Physics	v	42227928	Electricity and Magnetism
Physics	v	42227929	Elements of Modern Physics
16 th December, 202	l (Thur	sday)	<u> </u>

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

17th December, 2021 (Friday)

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

18th December, 2021 Saturday	SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
III 42173901 Plants Quarantine III 42173905 Plant health diagnostics and Management III 42173905 Plants regulators and Economic Botany III 42173907 Biotechnological control of Pest III 42173907 Biotechnological control of Crop pests III 42173913 Insect Toxicology III 42173915 Insect Toxicology III 42173915 Use of nuclear technology for agro-pest management III 42173917 Biological Insecticides III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173921 Instrumental Methods of Analysis III 42343308 Introduction to R Programing III 42363307 Data Analysis using python programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 42173923 Basic Analytical Chemistry III 32173903 Chemical Technology & Society III 32173904 Chemionformatics III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173901 Chemistry III 32173901 Chemistry III 32173901 Chemistry III 32173901 Pesticide Chemistry III 32173901 Pesticide Chemistry III 32173901 Chemistry III 32173901 Pesticide Chemistry III 32173901 Pesticide Chemistry III 32173901 Pesticide Chemistry III 32173901 Pesticide Chemistry III 32173902 Aquatic Biology III 42233904 Aquatic Biology III 42233905 Sericulture III 42233906 Operational Research Applications III 42173902 Biotechnology III 42173902 Biotechnology III 42173902 Green Methods in Chemistry III 42173902 Biotechnology III 42173902 III 42173902 III 42173902 III 42173902 III 4217390	Electronics	111	42514305	
III 42173903 Plant health diagnostics and Management III 42173905 Plants regulators and Economic Botany III 42173907 Biotechnological control of Pest III 42173911 Insect Toxicology III 42173912 Insect Toxicology III 42173913 Conventional Insecticides III 42173915 Use of nuclear technology for agro-pest management III 42173916 Biological Insecticides III 42173917 Biological Insecticides III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173921 Instrumental Methods of Analysis III 42173921 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42163302 Biofertilizes III 32173901 I'T Skills for Chemists III 32173903 Chemical Technology & Society III 32173904 Chemioformatics III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173906 Green Methods in Chemistry III 32173907 Pharmaceutical Chemistry III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry Chemistry III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32173913 Sericulture III 42233328 Computer Algebra Systems III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science IIII 42173906 Forensic Science IIII 42173906 Forensic Science IIII 42173906 Forensic Science IIII 42173906	19th December, 2021	(Sunda	y)	Skill Enhancement Elective
III 42173905 Plants regulators and Economic Botany III 42173907 Biotechnological control of Pest III 42173919 Biological Control of Crop pests III 42173911 Insect Toxicology III 42173913 Conventional Insecticides III 42173915 Use of nuclear technology for agro-pest management III 42173916 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in PM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 32173901 IT Skills for Chemists III 32173904 Chemical Technology & Society III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemists III 32173906 Chemical Technology & Pertumes III 32173901 Chemistry III 32173902 Analytical Clinical Biochemistry III 32173901 Chemistry III 32173902 Analytical Clinical Biochemistry III 32173901 Chemistry of Cosmetics & Pertumes III 32173910 Chemistry Fuel Chemistry III 32173911 Peticide Chemistry III 32173912 Aquatic Biology III 42233904 Public Health and Hygiene III 42233905 Sericulture III 42173906 Operational Research Applications III 42		III	42173901	Plants Quarantine
III 42173907 Biotechnological control of Pest III 42173919 Biological Control of Crop pests III 42173911 Insect Toxicology III 42173915 Use of nuclear technology for agro-pest management III 42173915 Use of nuclear technology for agro-pest management III 42173916 Pesticide Formulations III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343307 Departmental Methods of Analysis III 42363307 Operational Research Applications III 42173923 Biofertilizes III 32173901 I'T Skills for Chemists III 32173903 Biofertilizes III 32173903 Basic Analytical Chemistry III 32173904 Chemionformatics III 32173905 Business Skills for Chemists III 32173906 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173911 Pesticide Chemistry III 32173912 Puel Chemistry III 32233905 Sericulture III 42233906 Operational Research Applications III 42233906 Operational Research Applications III 42233907 Operational Research Applications III 42233906 Operational Research Applications III 42233907 Operational Research Applications III 42233906 Operational Research Applications III 42233907 Operational Research Applications III 42233908 Operational Research Applications III 42233906 Operational Research Applications III 42233907 Operational Research Applications III 42233908 Operational Research Applications III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Forensic Science		III	42173903	Plant health diagnostics and Management
III 42173919 Biological Control of Crop pests III 42173911 Insect Toxicology III 42173913 Conventional Insecticides III 42173915 Use of nuclear technology for agro-pest management III 42173917 Biological Insecticides III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in PM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 42173923 Basic Analytical Chemistry III 32173904 Chemical Technology & Society III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173908 Creen Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32233905 Sericulture III 42233904 Public Health and Hygiene III 42233905 Sericulture III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173907 Biotechnology III 42173906 Forensic Science III 42173906 Forensic Science III 42173907 Biotechnology III 42173908 Green Methods in Chemistry		III	42173905	Plants regulators and Economic Botany
III 42173911 Insect Toxicology		III	42173907	Biotechnological control of Pest
III 42173913 Conventional Insecticides III 42173915 Use of nuclear technology for agro-pest management III 42173917 Biological Insecticides III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 42173923 Basic Analytical Chemistry III 32173903 Chemical Technology & Society III 32173904 Chemoinformatics III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32173912 Sericulture III 42233904 Public Health and Hygiene III 42353328 Computer Algebra Systems III 42363307 Operational Research Applications III 42173902 Biotechnology III 42173902 Biotechnology III 42173904 Green Methods in Chemistry III 42233905 Sericulture III 42173906 Forensic Science III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173908 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173908 Green Methods in Chemistry III		III	42173909	Biological Control of Crop pests
III 42173915 Use of nuclear technology for agro-pest management III 42173917 Biological Insecticides III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 III 32173903 Basic Analytical Chemistry III 32173903 Chemical Technology & Society III 32173904 Chemioformatics III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173901 Chemistry III 32173902 Analytical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173910 Chemistry of Cosmetics & Perfumes III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32173914 Pesticide Chemistry III 32173915 Sericulture III 32233905 Sericulture III 42233904 Public Health and Hygiene Sericulture III 42353328 Computer Algebra Systems III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173906 Green Methods in Chemistry		III	42173911	Insect Toxicology
III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 42173923 Basic Analytical Chemistry III 32173903 Chemical Technology & Society III 32173904 Chemioformatics III 32173905 Business Skills for Chemists III 32173905 Business Skills for Chemistry III 32173908 Intellectual Property Rights III 42173922 Analytical Clinical Biochemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32173913 Presticide Chemistry III 32173914 Public Health and Hygiene III 42233905 Sericulture III 42353328 Computer Algebra Systems III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173902 Biotechnology III 42173903 Green Methods in Chemistry III 42173904 Public Health and Hygiene III 42173905 Biotechnology III 42173906 Forensic Science III 42173908 Green Methods in Chemistry		III	42173913	Conventional Insecticides
III 42173918 Pesticide Formulations III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 42173923 Basic Analytical Chemistry III 32173904 Chemical Technology & Society III 32173904 Chemical Technology & Society III 32163302 Intellectual Property Rights III 32163302 Intellectual Property Rights III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173909 Pharmaceutical Chemistry III 32173910 Chemistry of Cosmetics & Perfumes III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32233902 Aquatic Biology III 42233904 Public Health and Hygiene III 32233905 Sericulture III 32233905 Sericulture III 42353328 Computer Algebra Systems III 42173902 Biotechnology III 42173904 Green Methods in Chemistry III 42173902 Biotechnology III 42173906 Forensic Science III 42173906 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry III 42173906 Forensic Science III 42173908 Green Methods in Chemistry IIII 42173908 Green Methods in Chemistry IIII 42173908 Green		III	42173915	Use of nuclear technology for agro-pest management
III 42173919 Analytical Techniques involved in Pesticide Analysis III 42173920 Quality control in IPM III 42173921 Medicinal Plants and IPR (Intellectual Property Rights) III 42173924 Instrumental Methods of Analysis III 42343307 Data Analysis using python programing III 42343308 Introduction to R Programing III 42363307 Operational Research Applications III 42163302 Biofertilizes III 32173901 IT Skills for Chemists III 42173923 Basic Analytical Chemistry III 32173903 Chemical Technology & Society III 32173904 Chemoinformatics III 32163302 Intellectual Property Rights III 32163302 Intellectual Property Rights III 32173908 Green Methods in Chemistry III 32173909 Pharmaceutical Chemistry III 32173911 Pesticide Chemistry III 32173912 Fuel Chemistry III 32173912 Fuel Chemistry III 32233902 Aquatic Biology III 42233904 Public Health and Hygiene III 32353328 Computer Algebra Systems III 42173902 Biotechnology III 42173904 Green Methods in Chemistry III 42353307 Operational Research Applications III 42173902 Biotechnology III 42173906 Forensic Science III 42173906 Forensic Science III 42173906 Green Methods in Chemistry		III	42173917	Biological Insecticides
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III 32173908 Green Methods in Chemistry		III	42173902	Biotechnology
		III	42173906	Forensic Science
		III	32173908	Green Methods in Chemistry
III 42173910 Intellectual Property Rights(IPR)		III	42173910	Intellectual Property Rights(IPR)

SUBJECT	SEM.	UNIQUE	DESCRIPTION
		PAPER CODE	

19th December, 2021 (Sunday) Contd...

III	32223901	Physics Workshop Skills
III	32223902	Computational Physics Skills
III .	32223903	Electrical circuits and Network Skills
III	32223904	Basic Instrumentation Skills
III	32223905	Renewable Energy and Energy harvesting
III	32223906	Technical Drawing
III	32223907	Radiation Safety
III	32223908	Applied Optics
III	32223909	Weather Forecasting
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20th December, 2021 (Monday)

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Mathematics	I	42351101	Mathematics-I
			(Calculus and Matrices)

21st December, 2021 (Tuesday)

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

22nd December, 2021 (Wednesday)

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

23rd December, 2021 (Thursday)

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

24th December, 2021 (Friday)

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

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
26 th December, 2021	(Sunda	ıy)	
Industrial Chemistry	III	42174303	Industrial Chemistry-Inorganic Materials
App. Life Science with Agro Chemical & Pest Management	III	42174307	Biochemistry and Immunology
Mathematics	III	42354302	Algebra

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

28th December, 2021 (Tuesday)

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

29th December, 2021 (Wednesday)

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

30th December, 2021 (Thursday)

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

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.

O.S.D. (Examinations)

Delhi, the 02nd November, 2021