



**दिल्ली विश्वविद्यालय**  
**UNIVERSITY OF DELHI**

**SEMESTER EXAMINATIONS - (JULY-2020)**

**Date-Sheet for B.Sc. (Programme) Choice Based Credit System (CBCS) Part-III meant for (VI Semester), Ex-students and students will appear for II/IV semester alongwith VI Semester Exams July- 2020 only for ER & improvement as per rule.**

Semester Scheme (Admissions of 2015, 2016 & 2017)

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

**Time of Commencement: 7:30 AM To 10:30 A.M.**

SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
<b>10<sup>th</sup> July, Friday</b>			<b><i>Skill Enhancement Elective</i></b>
	VI	42163601	Intellectual Property Rights
	VI	42173901	Plants Quarantine
	VI	42173905	Plants regulators and Economic Botany
	VI	42173907	Biotechnological control of Pest
	VI	42173910/ 32173906	Intellectual Property Rights(IPR)
	VI	42173915	Use of nuclear technology for agro-pest management
	VI	42173922	Analytical Clinical Biochemistry
	VI	42173923/ 32173923	Basic Analytical Chemistry
	VI	42173924	Instrumental Methods of Analysis
	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
	VI	42353604	Transportation and Network Flow Problems
	VI	42363601	Business Data Analysis
	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

**Note: In Open Book Examinations (OBE) mode as one time measure for Academic session 2019-20 in view of Covid-19 pandemic.**

Printed on: 2 July 2020

Page 1 of 7

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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**10<sup>th</sup> July, Friday Contd....**

**Skill Enhancement Elective**

	VI	32223908	Applied Optics
	VI	32223909	Weather Forecasting
	VI	32233902	Aquarium Fish Keeping
	VI	42233904	Public Health and Hygiene

**11<sup>th</sup> July, Saturday**

**Skill Enhancement Elective**

	IV	32163404	Medicinal Botany
	IV	31073902/ 32163403	Biofertilizes
	IV	42173901	Plants Quarantine
	IV	42173905	Plants regulators and Economic Botany
	IV	42173907	Biotechnological control of Pest
	IV	42173910/ 32173906	Intellectual Property Rights(IPR)
	IV	42173915	Use of nuclear technology for agro-pest management
	IV	42173922	Analytical Clinical Biochemistry
	IV	42173923/ 32173902	Basic Analytical Chemistry
	IV	42173924	Instrumental Methods of Analysis
	IV	32173901	IT Skills for Chemists
	IV	32173903	Chemical Technology & Society
	IV	32173904	Chemoinformatics
	IV	32173905	Business Skills for Chemists
	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	42343408	PHP Programming
	IV	42353404	Computer Algebra Systems
	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	32233905	Sericulture
	IV	32223906	Technical Drawing
	IV	32223907	Radiation Safety
	IV	32223908	Applied Optics
	IV	32223909	Weather Forecasting
	IV	32233902	Aquarium Fish Keeping
	IV	42233904	Public Health and Hygiene

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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**12<sup>th</sup> July, Sunday**

**Discipline Specific Elective-1B**

Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347903	Internet Technologies
App. Life Science with Agro Chemical & Pest Management	VI	42237908	Applied Entomology
	VI	42177937	Herbicides
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	32177906	Polymer Chemistry
	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	42167904	Analytical Techniques in Plant Sciences
	VI	42177913	Molecules of Life
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management
	VI	42237904	Immunology
	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
Physics	VI	42227637	Solid State Physics
	VI	42227639	Nuclear and Particle Physics
	VI	42227640	Quantum Mechanics
	VI	42227642	Astronomy and Astrophysics

**13<sup>th</sup> July, Monday**

Computer Science	IV	42344403	Computer System Architecture
Electronics	IV	42514413	Microprocessor and Microcontroller

**15<sup>th</sup> July, Wednesday**

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

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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**16<sup>th</sup> July, Thursday**

Physics	IV	42224412	Wave and Optics
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**17<sup>th</sup> July, Friday**

**Discipline Specific Elective-2B**

Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347903	Internet Technologies
App. Life Science with Agro Chemical & Pest Management	VI	42237908	Applied Entomology
Analytical/ Industry Chemistry	VI	42177937	Herbicides
	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	32177906	Polymer Chemistry
	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
Life Sciences	VI	42357633	Differential Equations
	VI	42357634	Calculus and Geometry
	VI	42167901	Economic Botany and Biotechnology
	VI	42167904	Analytical Techniques in Plant Sciences
	VI	42177913	Molecules of Life
Mathematics	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management
	VI	42237904	Immunology
	VI	42237912	Insect, Vector and Diseases
	VI	42237913	Aquatics Biology
	VI	42357618	Numerical Methods
	VI	42357602	Probability and Statistics
Operational Research	VI	42367903	Integer Programming and Theory of Games
Physics	VI	42227637	Solid State Physics
	VI	42227639	Nuclear and Particle Physics
	VI	42227640	Quantum Mechanics
	VI	42227642	Astronomy and Astrophysics

**18<sup>th</sup> July Saturday**

Computer Science	II	42341202	Database Management Systems
Electronics	II	42511201	Linear and Digital Integrated Circuits

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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**19<sup>th</sup> July Sunday**

**Discipline Specific Elective-3B**

Electronics	VI	42517615	Photonic devices and Power Electronics
Electronics	VI	42517616	Antenna Theory and wireless Network
Computer Science	VI	42347903	Internet Technologies
App. Life Science with Agro Chemical & Pest Management	VI	42237908	Applied Entomology
	VI	42177937	Herbicides
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	32177906	Polymer Chemistry
	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	42167904	Analytical Techniques in Plant Sciences
	VI	42177913	Molecules of Life
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management
	VI	42237904	Immunology
	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
Physics	VI	42227637	Solid State Physics
	VI	42227639	Nuclear and Particle Physics
	VI	42227640	Quantum Mechanics
	VI	42227642	Astronomy and Astrophysics

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SUBJECT	SEM.	UNIQUE PAPER CODE	DESCRIPTION
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**20<sup>th</sup> July, Monday**

<b>Operational Research</b>	II	42361202	Inventory and Marketing Management
<b>Life Science</b>	II	42231202	Comparative Anatomy and Development

**21<sup>st</sup> July Tuesday**

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
Mathematics	IV	42354401	Real Analysis

**22<sup>nd</sup> July 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
Mathematics	II	42351201	Calculus and Geometry
Industrial Chemistry	II	42351211	Calculus and Matrices

**23<sup>rd</sup> July Thursday**

<b>Operational Research</b>	IV	42364401	Network Models and Scheduling Techniques
<b>Life Science</b>	IV	42164401	Plant Physiology and Metabolism

**24<sup>th</sup> July Friday**

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

**25<sup>th</sup> July Saturday**

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

**26<sup>th</sup> July Sunday**

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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**27<sup>th</sup> July Monday**

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

**Note:-**

- **Discipline Specific Elective-1B, 2B & 3B (As per student option). The student shall appear in this paper based on alphabetical order.**
- **This is based on one time measure for academic session 2019-20 for final year in view of the Covid-19-Pandemic.**
- **The duration for examination is two hours only and one hour can be taken in addition to two hours for downloading question papers and scanning, uploading Answer sheets. The Total duration shall be Three (03) hours.**
- **Information given only on the University website i.e. [www.du.ac.in](http://www.du.ac.in) shall be considered official**

*Vinay Gupta*

(Prof. Vinay Gupta)  
Dean (Examinations)

Delhi, the 2<sup>nd</sup> July, 2020