



## दिल्ली विश्वविद्यालय

UNIVERSITY OF DELHI

*Date-Sheet for B.Sc. (Honours) 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 September- 2020 only for E.R. & I. improvement as per rule.*

**SECOND PHASE: Physical/ICT Based Examinations (Blended Mode)**  
**For details : Refer Notification of the Second Phase.**

**Semester Scheme (Admissions of 2015, 2016 & 2017)**

**TIME OF COMMENCEMENT : 9:00 AM to 12:00 Noon**

**CORE SUBJECT :- Anthropology, Biochemistry, Biomedical Science, Botany, Chemistry, Computer Science, Electronics Science, Food Technology, Geology, Home Science, Instrumentation, Mathematics, Microbiology, Physics, Polymer Science, Statistics, Zoology.**

Subject	Sem.	Unique Paper Code	Description
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**14<sup>th</sup> September, Monday**

Anthropology	VI	32151601	Forensic Anthropology
Biochemistry	VI	32491601	Genetic Engineering and Biotechnology
Biomedical Science	VI	32581601	Human Pathology
Botany	VI	32161601	Plant Metabolism
Chemistry	VI	32171601	Inorganic Chemistry IV: Organometallic Chemistry
Computer Science	VI	32341601	Artificial Intelligence
Electronics Science	VI	32511608	Communication Electronics
Food Technology	VI	32201601	Food Chemistry-II
Geology	VI	32191601	Engineering Geology
Home Science	VI	32201602	Research Methodology in Home Science
Instrumentation	VI	32511602	Power Electronics
Mathematics	VI	32351601	Complex Analysis (including practicals)
Microbiology	VI	32531601	Medical Microbiology
Physics	VI	32221601	Electromagnetic Theory
Polymer Science	VI	31141601	Polymer Blends and Composites
Statistics	VI	32371601	Design of Experiments
Zoology	VI	32231601	Developmental Biology

**15<sup>th</sup> September, Tuesday**

**Skill Enhancement Elective Course**

Anthropology	IV	32153901	Public Health and Epidemiology
	IV	32153903	Business and Corporate Anthropology
	IV	32153905	Media Anthropology
Biochemistry	IV	32493901	Tools and Techniques in Biochemistry
	IV	32493902	Protein Purification Techniques
	IV	32493904	Bioinformatics
	IV	32493905	Recombinant DNA Technology
Biomedical Science	IV	32583901	Methods in Epidemiological Data Analysis (EDA)
	IV	32583902	Medical Laboratory Diagnostics (MLD)
	IV	32583903	Techniques for Forensic Science
	IV	32583904	Tools in Modern Biology
Botany	IV	32163403	Biofertilizers
	IV	32163404	Medicinal Botany

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Subject	Sem.	Unique Paper Code	Description
<b>15<sup>th</sup> September, Tuesday Contd..</b>			<b><u>Skill Enhancement Elective Course</u></b>
Chemistry	IV	32173901	IT Skills for Chemists
	IV	32173902	Basic Analytical Chemistry
	IV	32173903	Chemical Technology & Society
	IV	32173904	Chemoinformatics
	IV	32173905	Business Skills for Chemists
	IV	32173906	Intellectual Property Rights
	IV	32173907	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
Computer Science	IV	32343406	PHP Programming
Electronics Science	IV	32513903	Robotics
	IV	32513905	Mobile Applications Development
	IV	32513907	Internet and Java Programming
	IV	32513909	Programming with LabVIEW
Food Technology	IV	32203915	Entrepreneurship Development
Home Science	IV	32203929	Understanding Psychology
	IV	32203938	Nutrition Health Communication
	IV	32203940	Biophysics
Instrumentation	IV	32513910	Virtual Instrumentation
	IV	32513911	Programming using MATLAB
Mathematics	IV	32353401	Computer Algebra Systems and Related Softwares
Microbiology	IV	32533931	Microbial Quality Control in Food and Pharmaceutical Industries
	IV	32533933	Microbial Diagnosis in Health Clinics
	IV	32533936	Microbiological Analysis of Air and Water
Physics	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	32223910	Numerical Analysis
Polymer Science	IV	31143902	Estimation of Polymers and Polymeric Compounds
Statistics	IV	32373901	Statistical-Data Analysis Using Software Packages
	IV	32373902	Statistical Data Analysis Using R
	IV	32373903	Statistical Techniques for Research Methods

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Subject	Sem.	Unique Paper Code	Description
<b>16<sup>th</sup> September, Wednesday</b>		<b>Elective Discipline Specific-3</b>	
Anthropology	VI	32157602	Sports and Nutritional Anthropology
	VI	32157901	Anthropology of Religion, Politics and Economy
	VI	32157914	Anthropology of Health
	VI	32157917	Paleoanthropology
Biochemistry	VI	32497901	Nutritional Biochemistry
	VI	32497904	Molecular basis of infectious diseases
	VI	32497906	Advanced cell biology
	VI	32497907	Plant Biochemistry
Biomedical Science	VI	32587901	Computational Biology and Drug Discovery
	VI	32587902	Genome Organization and Function
	VI	32587903	Human Genetics
	VI	32587904	Medical Biochemistry
	VI	32587905	Medical Biotechnology
Botany	VI	32167601	Industrial and Environmental Microbiology
Chemistry	VI	32177903	Applications of Computers in Chemistry
	VI	32177904	Analytical Methods in Chemistry
	VI	32177905	Molecular Modelling & Drug Design
	VI	32177906	Polymer Chemistry
	VI	32177908	Green Chemistry
	VI	32177909	Industrial Chemicals & Environment
	VI	32177910	Instrumental Methods of Analysis
Computer Science	VI	32347607	Machine Learning
	VI	32347608	Introduction to Data Sciences
	VI	32347609	Combinatorial Optimization
Electronics Science	VI	32517904	Electrical Machines
	VI	32517906	Control Systems
	VI	32517909	Power Electronics
	VI	32517912	Basic VLSI Design
	VI	32517913	Modern Communication Systems
	VI	32517916	Embedded Systems
	VI	32517919	Transmission Lines, Antenna and Wave Propagation
Food Technology	VI	32207905	Bakery Technology
	VI	32207907	Food Packaging
	VI	32207909	Nutraceutical and Functional Foods
Geology	VI	32197604	River Science
	VI	32197606	Urban Geology
	VI	32197609	Earth and Climate
	VI	32197610	Fuel Geology
Home Science	VI	32207912	Extension for Development
	VI	32207914	Indian Textile Heritage
	VI	32207915	Entrepreneurship Development & Enterprise Management

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Subject	Sem.	Unique Paper Code	Description
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**16<sup>th</sup> September, Wednesday Contd...**

**Elective Discipline Specific-3**

Home Science	VI	32207917	Therapeutic Nutrition
	VI	32207918	Public Nutrition
	VI	32207919	Child Rights and Gender Justice
	VI	32207920	Childhood Disability and Social Action
	VI	32207923	Apparel Marketing and Merchandising
	VI	32207925	Ergonomic Design
	VI	32207929	Advertising and Public Relation
	VI	32207933	Commercial Clothing
	VI	32207934	Pattern Making and Draping
Instrumentation	VI	32517905	Advanced Analytical Instrumentation
	VI	32517908	Communication System
	VI	32517911	Advanced Biomedical Instrumentation
	VI	32517915	Embedded System and Robotics
	VI	32517920	Reliability and Quality Control Techniques
Mathematics	VI	32357607	Probability theory & Statistics
	VI	32357608	Mechanics
	VI	32357609	Bio-Mathematics
Microbiology	VI	32537605	Microbial Biotechnology
	VI	32537606	Advances in Microbiology
	VI	32537607	Instrumentation and Biotechnique
	VI	32537608	Biosafety and Intellectual Property Rights (IPR)
Physics	VI	32227612	Nano Materials and Applications
	VI	32227613	Communication System
	VI	32227624	Physics of the Earth
	VI	32227625	Advanced Mathematical Physics-II
	VI	32227626	Classical Dynamics
	VI	32227628	Verilog and FPGA based system design
Polymer Science	VI	31147904	Polymeric Nanomaterials
	VI	31147905	Tyre Technology
	VI	31147906	Packaging Technology
Statistics	VI	32377909	Actuarial Statistics
	VI	32377910	Survival Analysis and Biostatistics
	VI	32377911	Financial Statistics
Zoology	VI	32237902	Basics of Neuroscience
	VI	32237903	Animal Biotechnology
	VI	32237906	Parasitology
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management

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<b>Subject</b>	<b>Sem.</b>	<b>Unique Paper Code</b>	<b>Description</b>
<b>17<sup>th</sup> September, Thursday</b>			
Anthropology	IV	32151401	Theories of Culture and Society
Biochemistry	IV	32491401	Human Physiology
Biomedical Science	IV	32581401	Immunobiology
Botany	IV	32161401	Molecular Biology
Chemistry	IV	32171401	Inorganic Chemistry-III: Coordination Chemistry
Computer Science	IV	32341401	Design and Analysis of Algorithms
Electronics Science	IV	32511407	Operational Amplifiers and Applications
Food Technology	IV	32201407	Technology of Cereals, Pulses and Oilseeds
Geology	IV	32191401	Metamorphic Petrology
Home Science	IV	32201408	Human Development II: Development in Adolescence and Adulthood
Instrumentation	IV	32511408	Operational Amplifiers and Applications
Mathematics	IV	32351401	Partial Differential Equations (including practicals)
Microbiology	IV	32531428	Microbial Genetics and Genomics
Physics	IV	32221401	Mathematical Physics III
Polymer Science	IV	31141401	Polymer Processing & Mold Design
Statistics	IV	32371401	Statistical Inference
Zoology	IV	32231401	Comparative Anatomy of Vertebrates

**19<sup>th</sup> September, Saturday**

Anthropology	VI	32151603	Anthropology of India
Biochemistry	VI	32491602	Immunology
Biomedical Science	VI	32581602	Toxicology
Botany	VI	32161602	Plant Biotechnology
Chemistry	VI	32171602	Organic Chemistry V: Spectroscopy
Computer Science	VI	32341602	Computer Graphics
Electronics Science	VI	32511603	Photonics
Food Technology	VI	32201603	Food Quality and Sensory Evaluation
Geology	VI	32191602	Remote Sensing & GIS
Home Science	VI	32201604	Socio Economic Environment
Instrumentation	VI	32511604	Control Systems
Mathematics	VI	32351602	Ring Theory and Linear AlgebraII
Microbiology	VI	32531602	Recombinant DNA Technology
Physics	VI	32221602	Statistical Mechanics
Polymer Science	VI	31141602	Fibre Science and Rubber Technology
Statistics	VI	32371602	Multivariate Analysis and Nonparametric Methods
Zoology	VI	32231602	Evolutionary Biology

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

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Subject	Sem.	Unique Paper Code	Description
<b>20<sup>th</sup> September, Sunday</b>			
Anthropology	IV	32151403	Human Growth and Development
Biochemistry	IV	32491402	Gene Organization, Replication and Repair
Biomedical Science	IV	32581402	Molecular Biology
Botany	IV	32161402	Ecology
Chemistry	IV	32171402	Organic Chemistry-III: Heterocyclic Chemistry
Computer Science	IV	32341402	Software Engineering
Electronics Science	IV	32511409	Signals and Systems
Food Technology	IV	32201409	Food Microbiology
Geology	IV	32191402	Stratigraphic Principles and Indian Stratigraphy
Home Science	IV	32201410	Nutrition: A Life Cycle Approach
Instrumentation	IV	32511410	Analytical Instrumentation
Mathematics	IV	32351402	Riemann Integration & Series of functions
Microbiology	IV	32531429	Environmental Microbiology
Physics	IV	32221402	Elements of Modern Physics
Polymer Science	IV	31141402	Polymer Testing
Statistics	IV	32371402	Linear Models
Zoology	IV	32231402	Physiology: Life Sustaining Systems

**21<sup>st</sup> September, Monday**

**Elective Discipline Specific-4**

Anthropology	VI	32157901	Anthropology of Religion, Politics and Economy
	VI	32157914	Anthropology of Health
	VI	32157917	Paleoanthropology
Biochemistry	VI	32497901	Nutritional Biochemistry
	VI	32497904	Molecular basis of infectious diseases
	VI	32497906	Advanced cell biology
	VI	32497907	Plant Biochemistry
Biomedical Science	VI	32587901	Computational Biology and Drug Discovery
	VI	32587902	Genome Organization and Function
	VI	32587903	Human Genetics
	VI	32587904	Medical Biochemistry
	VI	32587905	Medical Biotechnology
Botany	VI	32167608	Bioinformatics
Chemistry	VI	32177903	Applications of Computers in Chemistry
	VI	32177904	Analytical Methods in Chemistry
	VI	32177905	Molecular Modelling & Drug Design
	VI	32177906	Polymer Chemistry
	VI	32177908	Green Chemistry
	VI	32177909	Industrial Chemicals & Environment
	VI	32177910	Instrumental Methods of Analysis
Computer Science	VI	32347610	Digital Image Processing
	VI	32347611	Data Mining

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Subject	Sem.	Unique Paper Code	Description
<b>21<sup>st</sup> September, Monday Contd..</b>		<b>Elective Discipline Specific-4</b>	
Electronics Science	VI	32517904	Electrical Machines
	VI	32517906	Control Systems
	VI	32517909	Power Electronics
	VI	32517912	Basic VLSI Design
	VI	32517913	Modern Communication Systems
	VI	32517916	Embedded Systems
	VI	32517919	Transmission Lines, Antenna and Wave Propagation
Food Technology	VI	32207905	Bakery Technology
	VI	32207907	Food Packaging
	VI	32207909	Nutraceutical and Functional Foods
Geology	VI	32197604	River Science
	VI	32197606	Urban Geology
	VI	32197609	Earth and Climate
	VI	32197610	Fuel Geology
Home Science	VI	32207912	Extension for Development
	VI	32207914	Indian Textile Heritage
	VI	32207915	Entrepreneurship Development & Enterprise Management
	VI	32207917	Therapeutic Nutrition
	VI	32207918	Public Nutrition
	VI	32207919	Child Rights and Gender Justice
	VI	32207920	Childhood Disability and Social Action
	VI	32207923	Apparel Marketing and Merchandising
	VI	32207925	Ergonomic Design
	VI	32207929	Advertising and Public Relation
	VI	32207933	Commercial Clothing
	VI	32207934	Pattern Making and Draping
Instrumentation	VI	32517905	Advanced Analytical Instrumentation
	VI	32517908	Communication System
	VI	32517911	Advanced Biomedical Instrumentation
	VI	32517915	Embedded System and Robotics
	VI	32517920	Reliability and Quality Control Techniques
Mathematics	VI	32357610	Number Theory
	VI	32357611	Linear Programming and Theory of Games
Microbiology	VI	32537605	Microbial Biotechnology
	VI	32537606	Advances in Microbiology
	VI	32537607	Instrumentation and Biotechnique
	VI	32537608	Biosafety and Intellectual Property Rights (IPR)
Physics	VI	32227612	Nano Materials and Applications
	VI	32227613	Communication System
	VI	32227624	Physics of the Earth
	VI	32227625	Advanced Mathematical Physics-II
	VI	32227626	Classical Dynamics
	VI	32227628	Verilog and FPGA based system design
Polymer Science	VI	31147905	Tyre Technology
	VI	31147906	Packaging Technology

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

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Subject	Sem.	Unique Paper Code	Description
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**21<sup>st</sup> September, Monday Contd.**

**Elective Discipline Specific-4**

Statistics	VI	32377909	Actuarial Statistics
	VI	32377910	Survival Analysis and Biostatistics
	VI	32377911	Financial Statistics
Zoology	VI	32237902	Basics of Neuroscience
	VI	32237903	Animal Biotechnology
	VI	32237906	Parasitology
	VI	32237910	Reproductive Biology
	VI	32237911	Wild Life Conservation and Management

**22<sup>nd</sup> September, Tuesday**

Anthropology	IV	32151405	Research Methods
Biochemistry	IV	32491403	Metabolism of Amino Acids and Nucleotides
Biomedical Science	IV	32581403	Medicinal Chemistry
Botany	IV	32161403	Plant Systematics
Chemistry	IV	32171403	Physical Chemistry-IV: Conductance & Chemical Kinetics
Computer Science	IV	32341403	Database Management Systems
Electronics Science	IV	32511411	Electronic Instrumentation
Food Technology	IV	32201411	Technology of Meat, Poultry and Egg
Geology	IV	32191403	Hydrogeology
Home Science	IV	32201412	Fashion Design Concepts
Instrumentation	IV	32511412	Electronic Instrumentation
Mathematics	IV	32351403	Ring Theory & Linear Algebra-I
Microbiology	IV	32531430	Food and Dairy Microbiology
Physics	IV	32221403	Analog Systems and Applications
Polymer Science	IV	31141403	Recycling and Waste Management
Statistics	IV	32371403	Statistical Quality Control
Zoology	IV	32231403	Biochemistry of Metabolic Processes

**23<sup>rd</sup> September, Wednesday**

Anthropology	II	32151202	Fundamentals of Human Origin & Evolution
Biochemistry	II	32491202	Enzymes
Biomedical Science	II	32581202	Human Physiology and Anatomy -I
Botany	II	32161202	Archegoniatae
Chemistry	II	32171202	Physical Chemistry II: Chemical Thermodynamics and its Applications
Computer Science	II	32341202	Discrete Structures
Electronics Science	II	32511204	Applied Physics
Food Technology	II	32201202	Food Processing Technology



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Subject	Sem.	Unique Paper Code	Description
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**23<sup>rd</sup> September, Wednesday Contd....**

Geology	II	32191202	Structural Geology
Home Science	II	32201204	Resource Management
Instrumentation	II	32511202	Transducers and Sensors
Mathematics	II	32351202	Differential Equations (including practical)
Microbiology	II	32531204	Virology
Physics	II	32221202	Waves and Optics
Polymer Science	II	31141202	Unit Operations
Statistics	II	32371202	Algebra
Zoology	II	32231202	Cell Biology

**24<sup>th</sup> September, Thursday**

Anthropology	II	32151201	Archaeological Anthropology
Biochemistry	II	32491201	Proteins
Biomedical Science	II	32581201	Principles of Genetics
Botany	II	32161201	Mycology and Phytopathology
Chemistry	II	32171201	Organic Chemistry I: Basics and Hydrocarbons
Computer Science	II	32341201	Programming in JAVA
Electronics Science	II	32511203	Semiconductor Devices
Food Technology	II	32201201	Technology of Food Preservation
Geology	II	32191201	Elements of Geochemistry
Home Science	II	32201203	Dynamics of Communication & Extension
Instrumentation	II	32511201	Analog Devices and Circuits
Mathematics	II	32351201	Real Analysis
Microbiology	II	32531203	Biochemistry
Physics	II	32221201	Electricity and Magnetism
Polymer Science	II	31141201	Polymer Technology
Statistics	II	32371208	Probability and Probability Distributions
Zoology	II	32231201	Non-chordates II: Coelomates

**NOTE: DATE-SHEET FOR GENERIC ELECTIVE IS SEPARATELY GIVEN AND SCHEDULED DURING AFTERNOON SESSION (3:00PM).**

- **Discipline Specific Elective-3 & 4 (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 three hours only and one hour can be taken in addition to three hours for ICT based activities if appeared smoothly. 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**
- **SECOND PHASE: Physical/ICT Based Examinations (Blended Mode)**

Delhi, the 29<sup>th</sup> August, 2020

Sd/  
Dean (Examinations)