



दिल्ली विश्वविद्यालय
UNIVERSITY OF DELHI

SEMESTER EXAMINATIONS - (NOVEMBER/DECEMBER-2018)

Date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam

Part-I, III & V (I/III & V Semester) Nov/Dec-2018

Semester Scheme (Admissions of 2015, 2016, 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 |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

28th November, Wednesday

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/ 32173906 | Intellectual Property Rights(IPR) |
| | V | 42173911 | Insect Toxicology |
| | V | 42173913 | Conventional Insecticides |
| | V | 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/ 32173923 | Basic Analytical Chemistry |
| | V | 42173924 | Instrumental Methods of Analysis |
| | V | 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 | 42343501 | System Administration and Maintenance |

Note: Please send your observations/comments latest by September 08, 2018

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam Part-I, III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---|------|-------------------|--|
| 28th November, Wednesday Contd... | | | <u>Skill Enhancement Elective</u> |
| | V | 42363501 | Portfollo Optimization |
| | V | 42353501 | Operating System: Linux |
| | V | 42353503 | Statistical Software: R |
| | V | 32223901 | Physics Workshop Skills |
| | V | 32223902 | Computational Physics Skills |
| | V | 32223903 | Electrical circuits and Network Skills |
| | V | 32223904 | Basic Instrumentation Skills |
| | V | 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 |

| | | | |
|---|-----|-----------------------|---|
| 29th November, Thursday | | | <u>Skill Enhancement Elective</u> |
| | III | 42173901 | Plants Quarantine |
| | III | 42173903 | Plant health diagnostics and Management |
| | III | 42173905 | Plants regulators and Economic Botany |
| | III | 42173907 | Biotechnological control of Pest |
| | III | 42173909 | 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 IPM |
| | III | 42173921 | Medicinal Plants and IPR (Intellectual Property Rights) |
| | III | 42173924 | Instrumental Methods of Analysis |
| | III | 42343306 | Office Automation Tools |
| | III | 42363307 | Operational Research Applications |
| | III | 42163302 | Biofertilizes |
| | III | 32173901 | IT Skills for Chemists |
| | III | 42173923/ 32173902 | Basic Analytical Chemistry |
| | III | 32173903 | Chemical Technology & Society |
| | III | 32173904 | Chemoinformatics |
| | III | 32173905 | Business Skills for Chemists |
| | III | 32163302 | Intellectual Property Rights |
| | III | 42173922 | Analytical Clinical Biochemistry |
| | III | 32173908 | Green Methods in Chemistry |
| | III | 32173909 | Pharmaceutical Chemistry |

Note: Please send your observations/comments latest by September 08, 2018

Printed on: 30 July 2018

Page 2 of 9

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam Part-I, III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

29th November, Thursday Contd...

Skill Enhancement Elective

| | | | |
|--|-----|-----------------------|--|
| | III | 32173910 | Chemistry of Cosmetics & Perfumes |
| | III | 32173911 | Pesticide Chemistry |
| | III | 32173912 | Fuel Chemistry |
| | III | 42233902 | Aquatic Biology |
| | III | 42233904 | Public Health and Hygiene |
| | III | 32233905 | Sericulture |
| | III | 32353301 | Latex and HTM |
| | III | 42353327 | Mathematical Type setting System Latex |
| | III | 42363307 | Operational Research Applications |
| | III | 42173902 | Biotechnology |
| | III | 42173906 | Forensic Science |
| | III | 32173908 | Green Methods in Chemistry |
| | III | 42173910/ 32173906 | Intellectual Property Rights(IPR) |
| | 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 |

30th November Friday

| | | | |
|------------------|-----|----------|---------------------------|
| Computer Science | III | 42344304 | Operating System |
| Electronics | III | 42514305 | Communication Electronics |

1st December, Saturday

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

3rd December Monday

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

4th December, Tuesday

Discipline Specific Elective-1A

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

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

4th December, Tuesday Contd..

Discipline Specific Elective-1A

| | | | |
|--|---|----------|---|
| 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 |
| Analytical Chemistry/ Industry Chemistry | V | 42177915 | Analytical Biochemistry |
| | V | 42177916 | Instrumental 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 | 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 |
| | V | 42357502 | Mechanics and Discrete Mathematics |
| Operational Research | V | 42367901 | Queueing and Reliability Theory |
| Operational Research | V | 42367902 | Quality Management |

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Printed on: 30 July 2018

Page 4 of 9

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

4th December, Tuesday Contd..

Discipline Specific Elective-1A

| | | | |
|---------|---|----------|--------------------------------------|
| 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 |

5th December, Wednesday

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

6th December, Thursday

| | | | |
|-------------|---|----------|--|
| Mathematics | I | 42351101 | Mathematics-I (Calculus and Matrices) |
|-------------|---|----------|--|

7th December, Friday

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

8th December, Saturday

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

10th December, Monday

Discipline Specific Elective-2A

| | | | |
|--|---|----------|--|
| Electronics | V | 42517512 | Electronic Instrumentation |
| Computer Science | V | 42347902 | Analysis of Algorithms and Data Structures |
| 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 |

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Printed on: 30 July 2018

Page 5 of 9

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|--|------|--|---|
| 10th December, Monday Contd... | | Discipline Specific Elective-2A | |
| Analytical Chemistry/ Industry Chemistry | V | 42177915 | Analytical Biochemistry |
| | V | 42177916 | Instrumental 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 | 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 |
| 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 | 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 |

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

11th December, Tuesday

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

12th December Wednesday

Discipline Specific Elective-3A

| | | | |
|--|---|----------|---|
| Electronics | V | 42517513 | Digital Signal Processing |
| Computer Science | V | 42347903 | Internet Technologies |
| 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 |
| Analytical Chemistry/ Industry Chemistry | V | 42177915 | Analytical Biochemistry |
| | V | 42177916 | Instrumental 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 | 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 |

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

12th December Wednesday Contd.. Discipline Specific Elective-3A

| | | | |
|----------------------|---|----------|---------------------------------------|
| | 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 |
| 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 | 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 |

13th December, Thursday

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

14th December, Friday

| | | | |
|-------------|-----|----------|---------|
| Mathematics | III | 42354302 | Algebra |
|-------------|-----|----------|---------|

15th December, Saturday

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

17th December, Monday

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

Note: Please send your observations/comments latest by September 08, 2018

Printed on: 30 July 2018

Page 8 of 9

Tentative date-Sheet for B.Sc. (Programme) Choice Based Credit System Exam
Part-I,III & V (I/III & V Semester) Exam Nov/Dec-2018

| SUBJECT | SEM. | UNIQUE PAPER CODE | DESCRIPTION |
|---------|------|-------------------|-------------|
|---------|------|-------------------|-------------|

18th December, Tuesday

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

19th December, Wednesday

| | | | |
|--|---|----------|--|
| Analytical Chemistry | I | 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 |

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.

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.

In case of any discrepancy in the above date-sheet the same may be brought to the notice of Examination Branch-VII at Window No.3 (North Campus), University of Delhi, Delhi-110 007.

Delhi, the 30th July, 2018

S Kumar

(DR. SATISH KUMAR)
O.S.D.(EXAMINATIONS)