**Post Graduate Govt. College for Girls, Sector 42, Chandigarh**

**Teaching Plan (Odd Semester) Session (2019-2020)**

**Class: B.Sc. III Name of Teacher: Prof. Deepika Kansal**

**Subject: Chemistry Period: 2nd & 6th**

**Paper: Physical & Inorganic Chemistry Room No. 29 & 129**

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| **S. No.** | **Dates** | **Topics to be covered** |
| **Week 1** | **23-07-20191to**  **27-07019** | **Photochemistry Unit III (Section A & B)** |
| **Week 2** | **29-07-2019 to**  **03-08-2019** | **Photochemistry Unit III (Section A & B)** |
| **Week 3** | **05-08-2019 to**  **10-08-2019** | **Photochemistry Unit IV (Section A & B)** |
| **Week 4** | **13-08-2019 to**  **17-08-2019** | **Photochemistry Unit IV (Section A & B)** |
| **Week 5** | **19-08-2019 to**  **24-08-2019** | **Quantum Chemistry Unit I (Section A & B)** |
| **Week 6** | **26-08-2019 to**  **31-08-2019** | **Quantum Chemistry Unit I (Section A & B)** |
| **Week 7** | **02-09-2019 to**  **07-09-2019** | **Quantum Chemistry Unit I (Section A & B)** |
| **Week 8** | **09-09-2019 to**  **14-09-2019** | **Quantum Chemistry Unit I (Section A & B)** |
| **Week 9** | **16-09-2019 to**  **21-09-2019** | **Bonding in Transition Metal Complexes (Section A & B)** |
| **Week 10** | **23-09-2019 to**  **28-09-2019 (Youth Festival 24-09-2019 to 27-09-2019)** | **Revision** |
| **Week 11** | **30-09-2019 to**  **05-10-2019** | **Bonding in Transition Metal Complexes (Section A & B)** |
| **Mid Semester Exam** | | |
| **Week 12** | **16-10-2019 to**  **19-10-2019** | **Bonding in Transition Metal Complexes (Section A & B)** |
| **Week 13** | **21-10-2019 to**  **26-10-2019** | **Bonding in Transition Metal Complexes (Section A & B)** |
| **Week 14** | **29-10-2019 to**  **02-11-2019** | **Quantum Chemistry Unit II (Section A & B)** |
| **Week 15** | **04-11-2019 to**  **09-11-2019** | **Quantum Chemistry Unit II (Section A & B)** |
| **Week 16** | **11-11-2019 to**  **16-11-2019** | **Quantum Chemistry Unit II (Section A & B)** |
| **Week 17** | **18-11-2019 to**  **23-11-2019** | **Quantum Chemistry Unit II (Section A & B)** |
| **Week18** | **25-11-2019 to**  **30-11-2019** | **Revision & Tests** |

**Post Graduate Govt. College for Girls, Sector 42, Chandigarh**

**Teaching Plan (odd Semester) Session (2019-2020)**

**Class: B.Sc. II Name of Teacher: Dr. Seema Gupta**

**Subject: Chemistry Period: 1st (4-6) & 3 rd (1-3)**

**Paper: Organic & Inorganic Chemistry Room No:**

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| **S. No.** | **Dates** | **Topics to be covered** |
| **Week 1** | **23-07-20191to**  **27-07019** | **Alcohol (Section A & B)** |
| **Week 2** | **29-07-2019 to**  **03-08-2019** | **Alcohol (Section A & B)** |
| **Week 3** | **05-08-2019 to**  **10-08-2019** | **Phenols (Section A & B)** |
| **Week 4** | **13-08-2019 to**  **17-08-2019** | **Phenols (Section A & B)** |
| **Week 5** | **19-08-2019 to**  **24-08-2019** | **Aldehydes & Ketones I (Section A & B)** |
| **Week 6** | **26-08-2019 to**  **31-08-2019** | **Aldehydes & Ketones I (Section A & B)** |
| **Week 7** | **02-09-2019 to**  **07-09-2019** | **Aldehydes & Ketones II (Section A & B)** |
| **Week 8** | **09-09-2019 to**  **14-09-2019** | **Aldehydes &Ketones II (Section A & B)** |
| **Week 9** | **16-09-2019 to**  **21-09-2019** | **Coordination Compounds I (Section A & B)** |
| **Week 10** | **23-09-2019 to**  **28-09-2019 Youth Festival 24-09-2019 to 27-09-2019)** | **Coordination Compounds I (Section A & B)** |
| **Week 11** | **30-09-2019 to**  **05-10-2019** | **Coordination Compounds I**  **Revision & Tests (Section A & B)** |
| **Mid Semester exam** | | |
| **Week 12** | **16-10-2019 to**  **19-10-2019** | **Coordination Compounds I (Section A & B)** |
| **Week 13** | **21-10-2019 to**  **26-10-2019** | **Carboxylic Acids (Section A & B)** |
| **Week 14** | **29-10-2019 to**  **02-11-2019** | **Carboxylic Acids (Section A & B)** |
| **Week 15** | **04-11-2019 to**  **09-11-2019** | **Carboxylic Acids (Section A & B)** |
| **Week 16** | **11-11-2019 to**  **16-11-2019** | **Carboxylic Acids (Section A & B)** |
| **Week 17** | **18-11-2019 to**  **23-11-2019** | **Revision & Tests (Section A & B)** |
| **Week18** | **25-11-2019 to**  **30-11-2019** | **Revision & Tests (Section A & B)** |

**Post Graduate Govt. College for Girls, Sector 42, Chandigarh**

**Teaching Plan (Odd Semester) Session (2019-2020)**

**Class: B.Sc. II Name of Teacher: Ms. Puneet Jyoti**

**Subject: Chemistry Period: 1st & 3rd**

**Paper: Physical & Inorganic Chemistry Room No.:**

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| **S. No.** | **Dates** | **Topics to be covered** |
| **Week 1** | **23-07-20191to**  **27-07019** | **Liquid State (Section A & B)** |
| **Week 2** | **29-07-2019 to**  **03-08-2019** | **Liquid State (Section A & B)** |
| **Week 3** | **05-08-2019 to**  **10-08-2019** | **Liquid Crystals (Section A & B)** |
| **Week 4** | **13-08-2019 to**  **17-08-2019** | **Liquid Crystals (Section A & B)** |
| **Week 5** | **19-08-2019 to**  **24-08-2019** | **Thermodynamics II (Section A & B)** |
| **Week 6** | **26-08-2019 to**  **31-08-2019** | **Thermodynamics II (Section A & B)** |
| **Week 7** | **02-09-2019 to**  **07-09-2019** | **Thermodynamics II (Section A & B)** |
| **Week 8** | **09-09-2019 to**  **14-09-2019** | **Thermodynamics II (Section A & B)** |
| **Week 9** | **16-09-2019 to**  **21-09-2019** | **Thermodynamics II I (Section A & B)** |
| **Week 10** | **23-09-2019 to**  **28-09-2019 (Youth Festival 24-09-2019 to 27-09-2019)** | **Thermodynamics II I (Section A & B)** |
| **Week 11** | **30-09-2019 to**  **05-10-2019** | **Thermodynamics II I (Section A & B)** |
| **Mid Semester exam** | | |
| **Week 12** | **16-10-2019 to**  **19-10-2019** | **Coordination Compounds II (Section A & B)** |
| **Week 13** | **21-10-2019 to**  **26-10-2019** | **Coordination Compounds II (Section A & B)** |
| **Week 14** | **29-10-2019 to**  **02-11-2019** | **Coordination Compounds II (Section A & B)** |
| **Week 15** | **04-11-2019 to**  **09-11-2019** | **Coordination Compounds II (Section A & B)** |
| **Week 16** | **11-11-2019 to**  **16-11-2019** | **Numericals Practice (Section A & B)** |
| **Week 17** | **18-11-2019 to**  **23-11-2019** | **Revision & Tests (Section A & B)** |
| **Week18** | **25-11-2019 to**  **30-11-2019** | **Revision & Tests (Section A & B)** |

**Post Graduate Govt. College for Girls, Sector 42, Chandigarh**

**Teaching Plan (Odd Semester) Session (2019-2020)**

**Class: B.Sc. III Name of Teacher: Dr Rajendra Swain**

**Subject: Chemistry Period: 2nd & 6th**

**Paper: Organic & Inorganic Chemistry Room No. 29 & 129**

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| **S. No.** | **Dates** | **Topics to be covered** |
| **Week 1** | **23-07-20191to**  **27-07019** | **Carbohydrates Ring Structure and Conversion (Section A & B)** |
| **Week 2** | **29-07-2019 to**  **03-08-2019** | **Carbohydrates Ring Structure and Conversion (Section A & B)** |
| **Week 3** | **05-08-2019 to**  **10-08-2019** | **Disaccharides, Polysaccharides (Section A & B)** |
| **Week 4** | **13-08-2019 to**  **17-08-2019** | **Disaccharides, Polysaccharides (Section A & B)** |
| **Week 5** | **19-08-2019 to**  **24-08-2019** | **UV Spectroscopy (Section A & B)** |
| **Week 6** | **26-08-2019 to**  **31-08-2019** | **UV Spectroscopy (Section A & B)** |
| **Week 7** | **02-09-2019 to**  **07-09-2019** | **Woodward Fieser Rule & Numericals (Section A & B)** |
| **Week 8** | **09-09-2019 to**  **14-09-2019** | **Woodward Fieser Rule & Numericals (Section A & B)** |
| **Week 9** | **16-09-2019 to**  **21-09-2019** | **Organometallic Chemistry (Section A & B)** |
| **Week 10** | **23-09-2019 to**  **28-09-2019 (Youth Festival 24-09-2019 to 27-09-2019)** | **Organometallic Chemistry (Section A & B)** |
| **Week 11** | **30-09-2019 to**  **05-10-2019** | **Revision & Tests** |
| **Mid Semester Exam** | | |
| **Week 12** | **16-10-2019 to**  **19-10-2019** | **Infrared Spectroscopy (Section A & B)** |
| **Week 13** | **21-10-2019 to**  **26-10-2019** | **Infrared Spectroscopy (Section A & B)** |
| **Week 14** | **29-10-2019 to**  **02-11-2019** | **NMR Spectroscopy (Section A & B)** |
| **Week 15** | **04-11-2019 to**  **09-11-2019** | **NMR Spectroscopy (Section A & B)** |
| **Week 16** | **11-11-2019 to**  **16-11-2019** | **Numerical UV, IR, NMR (Section A & B)** |
| **Week 17** | **18-11-2019 to**  **23-11-2019** | **Numerical UV, IR, NMR (Section A & B)** |
| **Week18** | **25-11-2019 to**  **30-11-2019** | **Revision & Tests** |

**Post Graduate Govt. College for Girls, Sector 42, Chandigarh**

**Teaching Plan (odd Semester) Session (2019-2020)**

**Class: B.Sc. I Name of Teacher: Dr. Gagandeep Gyani**

**Subject: Chemistry Period: 3rd & 5th**

**Paper: Physical & Organic Chemistry Room No.: 29, 126 & 218**

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| **S. No.** | **Dates** | **Topics to be covered** |
| **Week 1** | **23-07-20191to**  **27-07019** | **Gaseous State (Section A & B)** |
| **Week 2** | **29-07-2019 to**  **03-08-2019** | **Gaseous State (Section A & B)** |
| **Week 3** | **05-08-2019 to**  **10-08-2019** | **Structure and Bonding (Section A & B)** |
| **Week 4** | **13-08-2019 to**  **17-08-2019** | **Structure and Bonding (Section A & B)** |
| **Week 5** | **19-08-2019 to**  **24-08-2019** | **Mechanism of Organic Reactions (Section A & B)** |
| **Week 6** | **26-08-2019 to**  **31-08-2019** | **Mechanism of Organic Reactions (Section A & B)** |
| **Week 7** | **02-09-2019 to**  **07-09-2019** | **Test And Assignments (Section A & B)** |
| **Week 8** | **09-09-2019 to**  **14-09-2019** | **Periodic Properties (Section A & B)** |
| **Week 9** | **16-09-2019 to**  **21-09-2019** | **Periodic Properties (Section A & B)** |
| **Week 10** | **23-09-2019 to**  **28-09-2019 Youth Festival 24-09-2019 to 27-09-2019)** | **Chemical Kinetics I (Section A & B)** |
| **Week 11** | **30-09-2019 to**  **05-10-2019** | **Chemical Kinetics I (Section A & B)** |
| **Mid Semester exam** | | |
| **Week 12** | **16-10-2019 to**  **19-10-2019** | **Chemical Kinetics II (Section A & B)** |
| **Week 13** | **21-10-2019 to**  **26-10-2019** | **Chemical Kinetics II (Section A & B)** |
| **Week 14** | **29-10-2019 to**  **02-11-2019** | **Catalysis (Section A & B)** |
| **Week 15** | **04-11-2019 to**  **09-11-2019** | **Catalysis (Section A & B)** |
| **Week 16** | **11-11-2019 to**  **16-11-2019** | **Alkanes and Cycloalkanes (Section A & B)** |
| **Week 17** | **18-11-2019 to**  **23-11-2019** | **Alkanes and Cycloalkanes (Section A & B)** |
| **Week18** | **25-11-2019 to**  **30-11-2019** | **Revision Tests & Assignments (Section A & B)** |