**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-II Name of the Teacher: Sukhmeet kaur**

**Subject: Chemistry Period : IInd Period**

**Paper : Inorganic Room No : 126**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | |  |
| Week 2 | July 31 2017 | Aug 5, 2017 | |  |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Elements of first transition series (Sec-B) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Elements of first transition series (Sec-C) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Elements of first transition series (Sec-A) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Chemistry of elements of second and third transition series (Sec-B) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Chemistry of elements of second and third transition series (Sec-C) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Chemistry of elements of second and third transition series & Coordination compounds-I (Sec-A) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Coordination compounds-I (Sec-B) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Coordination compounds-I (Sec-C) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017) Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Coordination compounds-II (Sec-A) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Coordination compounds-II (Sec-B) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Coordination compounds-II (Sec-C) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Coordination compounds-II (Sec-A) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Coordination compounds-II (Sec-B) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Coordination compounds-II (Sec-C) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision (Sec-A) |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-II Name of the Teacher: Dr. Seema gupta**

**Subject: Chemistry Period : 02**

**Paper : Organic Room No : 33**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Alkyl & Aryl halides (Sec-B) |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Alkyl & Aryl halides (Sec-C) |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Alkyl & Aryl halides (Sec-A) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Aldehydes & ketones Part-A (Sec-B) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Aldehydes & ketones Part-A (Sec-C) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Aldehydes & ketones Part-A (Sec-A) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Aldehydes & ketones Part-B (Sec-B) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Aldehydes & ketones Part-B (Sec-C) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Aldehydes & ketones Part-B (Sec-A) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Revision and tests |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Carboxylic acids (Sec-C) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Carboxylic acids (Sec-A) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Carboxylic acids (Sec-B) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Carboxylic acids (Sec-C) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Carboxylic acids (Sec-A) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Carboxylic acids (Sec-B) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision and tests |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

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

**Subject: Chemistry Period : 02**

**Paper : Physical Room No : 129**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Liquid state (sec-A) |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Liquid state (sec-B) |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Liquid state (sec-C) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Liquid crystals(sec-A) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Liquid crystals(sec-B) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Liquid crystals(sec-C) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Chemical equilibrium (sec-A) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Chemical equilibrium (sec-B) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Chemical equilibrium (sec-C) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Thermodynamics-II (sec-A) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Thermodynamics-II (sec-B) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Thermodynamics-II (sec-C) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Thermodynamics-II (sec-A) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Thermodynamics-III (sec-B) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Thermodynamics-III (sec-C) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Thermodynamics-III (sec-A) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-II Name of the Teacher: Harpreet Kaur**

**Subject: Chemistry Period : 02**

**Paper :Organic & Physical Room No : 33,129**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | |  |
| Week 2 | July 31 2017 | Aug 5, 2017 | |  |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Alcohols (sec-A) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Alcohols (sec-B) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Alcohols (sec-C) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Phenols (sec-A) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Phenols (sec-B) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Phenols (sec-C) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Revision |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Revision |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Thermodynamics-III (sec-B) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Thermodynamics-III (sec-C) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Thermodynamics-III (sec-A) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Thermodynamics-III (sec-B) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Thermodynamics-III (sec-C) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Thermodynamics-III (sec-A) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

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

**Subject: Chemistry Period :04**

**Paper : Physical Room No : 129**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Gaseous state (sec-A) |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Gaseous state (sec-B) |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Gaseous state (sec-c) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Chemical kinetics-I(sec-A) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Chemical kinetics-I(sec-B) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Chemical kinetics-I(sec-C) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Radioactivity & Maxwell velocity(sec-A) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Radioactivity & Maxwell velocity(sec-B) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Radioactivity & Maxwell velocity(sec-C) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Revision |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Chemical kinetics-II(sec-A) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Chemical kinetics-II(sec-B) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Chemical kinetics-II(sec-C) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Mathematical concepts (sec-A) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Mathematical concepts (sec-B) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Mathematical concepts (sec-C) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-I Name of the Teacher: Surbhi jolly**

**Subject: Chemistry Period : 04**

**Paper : Organic Room No :222**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | |  |
| Week 2 | July 31 2017 | Aug 5, 2017 | |  |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Structure & bonding-I (sec-A) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Structure & bonding-I (sec-B) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Structure & bonding-I (sec-C) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Stereochemistry-I (sec-A) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Stereochemistry-I (sec-B) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Stereochemistry-I (sec-C) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Stereochemistry-II (sec-A) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Stereochemistry-II (sec-B) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Stereochemistry-II (sec-C) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Alkanes & cycloalkanes (sec-A) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Alkanes & cycloalkanes (sec-B) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Alkanes & cycloalkanes (sec-C) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Structure & bonding-II (sec-A) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Structure & bonding-II (sec-B) |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Structure & bonding-II (sec-C) |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Th-I Name of the Teacher: Prof.(Dr) Deepika kansal**

**Subject:Chemistry Period : 02**

**Paper : Room No : 101**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Photochemistry |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Photochemistry |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Coordination compounds |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Molecular spectroscopy |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Molecular spectroscopy |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Chemical kinetics |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Chemicak kinetics |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Solutions |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Solutions |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Revision |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Chemical bonding |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Chemical bonding & periodic properties |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Organic chemistry fundamentals |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Carboxylic acid & derivatives |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Carboxylic acid & derivates |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Revision |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

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

**Subject: Chemistry Period : 02**

**Paper : Organic Room No : 33**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | Carbohydrates, Ring structure & conversions (sec-C) |
| Week 2 | July 31 2017 | Aug 5, 2017 | | Carbohydrates, Ring structure & conversions (sec-A) |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Carbohydrates, Ring structure & conversions (sec-A) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Disaccharides & polysaccharides (sec-C) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Disaccharides & polysaccharides (sec-B) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Disaccharides & polysaccharides (sec-A) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Infrared spectroscopy (sec-C) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Infrared spectroscopy (sec-B) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Infrared spectroscopy (sec-A) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | NMR, Basic principles, chemical shift & numerical (sec-C) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017) Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | NMR, Basic principles, chemical shift & numerical (sec-A) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | NMR, Basic principles, chemical shift & numerical (sec-B) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Spin-spin coupling & numerical (sec-C) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Spin-spin coupling & numerical (sec-A) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Spin-spin coupling & numerical (sec-B) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-III Name of the Teacher: Surbhi Jolly**

**Subject: Chemistry Period : 01**

**Paper :Physical Room No : 33**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | | No student turned up |
| Week 2 | July 31 2017 | Aug 5, 2017 | | No student turned up |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Photochemistry-I (sec-A) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Photochemistry-I (sec-B) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Photochemistry-I (sec-C) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Photochemistry-II(sec-A) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Photochemistry-II (sec-B) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Photochemistry-Ii (sec-C) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Quantum-I (sec-A) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Quantum-I (sec-B) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 | Quantum-I (sec-C) |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Quantum-II (sec-A) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Quantum-II (sec-B) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Quantum-II (sec-C) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Revision |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Revision |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |

**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2017-18)**

**Class: B.Sc-III Name of the Teacher: Mehak Arora**

**Subject: Chemistry Period : 01**

**Paper : Inorganic Room No : 126**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | July 22 & July 24 2017 | July 29, 2017 | |  |
| Week 2 | July 31 2017 | Aug 5, 2017 | |  |
| Week 3 | Aug 7, 2017 | Aug 12, 2017 | | Metal-ligand bonding in T.M (sec-C) |
| Week 4 | Aug 14, 2017 | Aug 19, 2017 | | Metal-ligand bonding in T.M (sec-A) |
| Week 5 | Aug 21, 2017 | Aug 26, 2017 | | Metal-ligand bonding in T.M (sec-B) |
| Week 6 | Aug 28, 2017 | Sept 2, 2017 | | Thermodynamic & kinectics of M.C (sec-C) |
| Week 7 | Sept 4, 2017 | Sept 9, 2017 | | Thermodynamic & kinectics of M.C (sec-A) |
| Week 8 | Sept 11, 2017 | Sept 16, 2017 | | Thermodynamic & kinectics of M.C (sec-B) |
| Week 9 | Sept 18, 2017 | Sept 23, 2017 | | Bio inorganic (sec-C) |
| Week 10 | Sept 25, 2017 | Sept 29, 2017 | | Bio inorganic (sec-A) |
| **Autumn Break (30 Sept 2017- 09 Oct 2017)**  **Mid Semester Exam (10 Oct 2017 – 17 Oct 2017)** | | | | |
| Week 11 | Oct 18, 2017 | | Oct 21, 2017 |  |
| Week 12 | Oct 23, 2017 | | Oct 28, 2017 | Bio inorganic (sec-B) |
| Week 13 | Oct 30, 2017 | | Nov 4, 2017 | Organo transition metal compounds (sec-C) |
| Week 14 | Nov 6, 2017 | | Nov 11, 2017 | Organo transition metal compounds (sec-A) |
| Week 15 | Nov 13, 2017 | | Nov 18, 2017 | Organo transition metal compounds (sec-B) |
| Week 16 | Nov 20, 2017 | | Nov 25, 2017 | Revision |
| Week 17 | Nov 27, 2017 | | Dec 1, 2017 | Revision |