Saraswati Mahila Mahavidyalaya, Palwal

**Lesson Plan :**

**Name of the Assistant/Associate Professor: Dr. Sangeeta Sharma**

**Class and Section: B.Sc (III) Med. & Non Med. , B.Sc (II) Med. & Non Med. And B.Sc (I) Non Med.**

**Name of subject: Physical chemistry and Laboratory**

**Subject Lesson Plan : 18 weeks(from January 2018 to April 2018)**

**(Note: Prepare as per list of holidays declared by Haryana govt.)**

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| **WEEK 1** |
| **ASSIGNMENT:** |
| **WEEK 1,DAY1 ,DATE :01/01/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY)**  B. Sc.(II) Med. –Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)** |
| B.Sc. (III) Non Med. Sec. A-  Introduction of spectroscopy, Born Oppenheimer approximation, Potential Energy curve for electronic state and Franck Condon Principle  B.Sc. (II) Med-  Drawback of 1st law of thermodynamics, Need for 2nd law of thermodynamics and Cyclic process |
| **WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)** |
| B.Sc. (III) Non Med. Sec. A-  Some terms in electronic spectroscopy, selection rules for electronic transitions  B.Sc. (II) Med-  Carnot cycle and its efficiency, Carnot theorem  B.Sc III Sec A (Lab)- Observation and Calculation |
| **WEEK 1,DAY 5 ,DATE :05/01/2018(FRIDAY)** |
| **Holiday on account of Guru Govind Singh’s Birthday** |
| **WEEK 1 ,DAY 6 ,DATE :06/01/2018(SATURDAY)** |
| B.Sc. (III) Non Med. Sec. B & Med-  Introduction of spectroscopy, Born Oppenheimer approximation, Potential Energy curve for electronic state and Franck Condon Principle  B.Sc. (II) Med-  Drawback of 1st law of thermodynamics, Need for 2nd law of thermodynamics and Cyclic process  B.Sc III Med (Lab)- To Standardize the given acid solution pH metrically |
| **WEEK 2** |
| **ASSIGNMENT:** |
| **WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)** |
| B.Sc/. (III) Non Med. Sec. A-  Types of Molecular Orbitals, Molecular Orbital involved in electronic transition  B.Sc. (II) Med-  Thermodynamic scale of thermodynamics, concept of entropy |
| **WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)** |
| B.Sc/. (III) Non Med Sec. A -  Chromophores and Auxochromes  Group discussion  B.Sc. (II) Med-  Entropy change in reversible and irreversible process  B.Sc III Sec A (Lab)- Observation and calculations |
| **WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY)** |
| B. Sc. Non Med. Sec. B & Med. -  Some terms in electronic spectroscopy, selection rules for electronic transitions, Types of Molecular Orbitals  B.Sc III Med (Lab)- Observation and calculations  B.Sc I Sec A (Lab)- To prepare a sample of pure Iodoform |
| **WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY)** |
| B.Sc/. (III) Non Med. Sec. B & Med-  Molecular Orbital involved in electronic transition, Chromophores and Auxochromes  Group discussion  B.Sc. (II) Med-  Thermodynamic scale of thermodynamics, concept of entropy  B.Sc III Med (Lab)- To determine the strength of given acid solution potentiometrically |
| **WEEK 3** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)** |
| B.Sc/. (III) Non Med. Sec. A-  Introduction of Photochemistry, interaction of radiation with matter and types of photoprocess, Difference between thermal and photochemical reaction  B.Sc. (II) Med-  Clausius inequality entropy change of the universe, entropy change for an ideal gas with change in P, V & T |
| **WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)** |
| B.Sc/. (III) Non Med. Sec. A-  Quantum yield of a photochemical reaction, primary and secondary process  B.Sc. (II) Med-  Entropy change during physical change (phase change), Entropy change on mixing of ideal gases, physical signifance of entropy/measurement of disorder  B.Sc III Sec A (Lab)- Observation and calculations |
| **WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY)** |
| B.Sc/. (III) Non Med. Sec. B & Med-  Introduction of Photochemistry, interaction of radiation with matter and types of photoprocess, Difference between thermal and photochemical reaction  B.Sc III Sec Med (Lab)- Observation and calculations  B.Sc I Sec A (Lab)- To prepare a sample of pure m-dinitrobenzene |
| **WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)**  B.Sc/. (III) Non Med. Sec. B & Med-  Quantum yield of a photochemical reaction, primary and secondary process, Reasons for low & high quantum Yield with examples  B.Sc. (II) Med-  Clausius inequality entropy change of the universe, entropy change for an ideal gas with change in P, V & T  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test |
| **WEEK 4** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :22/01/2018(MONDAY)** |
| **Holiday on account of Basant Panchmi.** |
| **WEEK 4 ,DAY 2 ,DATE :23/01/2018(TUESDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 4,DAY 3 ,DATE :24/01/2018(WEDNESDAY)** |
| **Holiday on account of Sir Chotu Ram Jayanti.** |
| **WEEK 4 ,DAY 4 ,DATE :25/01/2018(THURSDAY)** |
| B.Sc/. (III) Non Med. Sec. A -  Some examples of photochemical reaction  B.Sc. (II) Med-  Work function and Gibbs free energy, variation of Helmholz function with T & V  B.Sc III Sec A- (Lab) writing experiment in file |
| **WEEK 4,DAY 5 ,DATE :26/01/2018(FRIDAY)** |
| **Holiday on account of Republic Day.** |
| **WEEK 4 ,DAY 6 ,DATE :27/01/2018(SATURDAY)** |
| B.Sc. (III) Non Med. Sec. B & Med-  Some examples of photochemical reaction  B.Sc. (II) Med-  Entropy change during physical change (phase change), Entropy change on mixing of ideal gases, physical signifance of entropy/measurement of disorder  B.Sc III med (Lab)- writing experiment in file |
| **WEEK 5** |
| **ASSIGNMENT:** |
| **WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 5,DAY 3 ,DATE :31/01/2018(WEDNESDAY)** |
| **Holiday on account of Guru Ravi Dass Jayanti** |
| **WEEK 5 ,DAY 4 ,DATE :01/02/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Ground and excited states of molecules, Jablonski diagram  B.Sc. (II) Med-  Work function & gibbs free energy, variation of Helmholz function T & V  B.Sc III Sec A (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test |
| **WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Ground and excited states of molecules, Jablonski diagram  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- To prepare a sample of pure p-bromoacetanilide |
| **WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)**  B. Sc.(III) Non Med Sec. B & Med-  Luminiscence, Energy transfer in photochemical reaction: Photosensitization and Photoinhibitors  B.Sc. (II) Med-  Variation of Gibbs function with T & P, Criteria for feasibility of a process in terms of enthalpy change, work function change& free energy change  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 6** |
| **ASSIGNMENT:** |
| **WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound.. |
| **WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Luminiscence, Energy transfer in photochemical reaction: Photosensitization and Photoinhibitors  B.Sc. (II) Med-  Variation of Gibbs function with T & P, Criteria for feasibility of a process in terms of enthalpy change, work function change& free energy change |
| **WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)** |
| B. Sc. (III)Non Med Sec. A-  Introduction of Solution, methods for expressing the concentration of solution, partial molar free energy, fugacity and activity, Rault’s law for Volatile solute  B.Sc. (II) Med-  Criteria for feasibility of a process in term of enthalpy changeand work function and free energy change  B.Sc III Sec (Lab)-Writing experiment in file |
| **WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Introduction of Solution, methods for expressing the concentration of solution, partial molar free energy, fugacity and activity, Rault’s law for Volatile solute  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab) To prepare a sample of pure dibenzal acetone |
| **WEEK 6 ,DAY 6 ,DATE :10/02/2018(SATURDAY)** |
| **Holiday on account of Maharshi Dayanand Saraswati Jayanti.** |
| **WEEK 7** |
| **ASSIGNMENT:** |
| **WEEK 7,DAY1 ,DATE :12/02/2018(MONDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 7 ,DAY 2 ,DATE :13/02/2018(TUESDAY)** |
| **Holiday on account of Maha Shivaratri.** |
| **WEEK 7,DAY 3 ,DATE :14/02/2018(WEDNESDAY)** |
| B. Sc(III) Non Med Sec. A-  Rault’s law for Non-Volatile solute, Ideal and Non ideal solutions, Vapour pressure Curve for ideal and Non-ideal solutions  B.Sc. (II) Med-  Gibbs- Helmholz equation, Nernst heat theorem |
| **WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Colligative properties of dilute solution, Relative lowering of Vapour pressure  B.Sc. (II) Med-  3rd law of thermodynamics, Evaluation of absolute entropies  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Rault’s law for Non-Volatile solute, Ideal and Non ideal solutions, Vapour pressure Curve for ideal and Non-ideal solutions  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- To prepare a sample of pure aspirin |
| **WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Colligative properties of dilute solution, Relative lowering of Vapour pressure  B.Sc. (II) Med-  Representation of an electrochemical cell, electrode potential, EMF of cell and its measurement  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 5** |
| **ASSIGNMENT:** |
| **WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Osmosis and Osmotic Pressure and its experimental determination  B.Sc. (II) Med-  Tests of the 3rd law of thermodynamics, Residual entropy and Group discussion |
| **WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Elevation in boiling point and its experimental determination  B.Sc. (II) Med-  Galvanic Cell and Electrolytic Cell, Redox reaction  B.Sc III Sec A (Lab)- Writing experiment in file |
| **WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Osmosis and Osmotic Pressure and its experimental determination  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- Identify the ions of Pb(II), Cu(II) and Cd(II) by mean of paper chromatography |
| **WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Elevation in boiling point and its experimental determination  B.Sc. (II) Med-  Standard Cell, reversible and irreversible cell  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 9** |
| **ASSIGNMENT:** |
| **WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 9,DAY 3 ,DATE :28/02/2018(WEDNESDAY)** |
| **VACATION -II** |
| **WEEK 9 ,DAY 4 ,DATE :01/03/2018(THURSDAY)** |
| **VACATION -II** |
| **WEEK 9,DAY 5 ,DATE :02/03/2018(FRIDAY)** |
| **VACATION -II** |
| **WEEK 9 ,DAY 6 ,DATE :03/03/2018(SATURDAY)** |
| **VACATION -II** |
| **WEEK 10** |
| **ASSIGNMENT:** |
| **WEEK 10,DAY1 ,DATE :05/03/2018(MONDAY)** |
| B. Sc.(II) Med. - To determine the CST of phenol water system  B.Sc. (II)Non Med. Sec B- To determine the CST of phenol water system |
| **WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)** |
| B. Sc.(II) Med. – Observation and Calculation  B.Sc. (II)Non Med. Sec B- Observation and Calculation |
| **WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Themodynamic derivation of elevation in boiling point  B.Sc. (II) Med-  Representation of an electrochemical cell, electrode potential, EMF of cell and its measurement |
| **WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Depression in freezing point, experimental determination, Thermodynamic derivation of depression in freezing point  B.Sc. (II) Med-  Standard Cell, reversible and irreversible cell  B.Sc III Sec A (Lab)- Writing experiment in file |
| **WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Themodynamic derivation of elevation in boiling point  B.Sc III Med (Lab)- To separate amixture of o- and p-nitro phenols by steam distillation  B.Sc I Sec A (Lab)- Identify the ions of Co(II) and Ni(II) by mean of paper chromatography |
| **WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Depression in freezing point, experimental determination, Thermodynamic derivation of depression in freezing point  B.Sc. (II) Med-  Relation between electrical energy & chemical energy, calculation of thermodynamic quantities of cell reactions  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 11** |
| **ASSIGNMENT:** |
| **WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)** |
| B. Sc.(II) Med. – To study the distribution of iodine between water and CCl4  B.Sc. (II)Non Med. Sec B- To study the distribution of iodine between water and CCl4 |
| **WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)** |
| B. Sc.(II) Med. – Observation and Calculation  B.Sc. (II)Non Med. Sec B- Observation and Calculation |
| **WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Van’t Hoff factor and extent of association or dissociation of a substance in solution  B.Sc. (II) Med-  Reversible electrodes and its examples |
| **WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Introduction of Phase equilibrium, definition of phase, component and degrees of freedom  B.Sc. (II) Med-  Relation between electrical energy & chemical energy, calculation of thermodynamic quantities of cell reactions  B.Sc III Sec A (Lab)- Writing experiment in file |
| **WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Van’t Hoff factor and extent of association or dissociation of a substance in solution  B.Sc III Sec A (Lab)- To separate the green leaf pigments by thin layer chromatography  B.Sc I Sec A (Lab)- Identify the ions of Cl-, Br- and I- by mean of paper chromatography |
| **WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Introduction of Phase equilibrium, definition of phase, component and degrees of freedom  B.Sc. (II) Med-  Electrochemical series and its applications  B.Sc III Med(Lab)- Observation and calculation |
| **WEEK 12** |
| **ASSIGNMENT:** |
| **WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Calculation of no. of component and degreeof freedom  B.Sc. (II) Med-  S.H.E., other reference electrodes and measurement of electrode potential |
| **WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Conditions for phase equilibrium for multi-component system  B.Sc. (II) Med-  Electrochemical series and its applications  B.Sc III Sec A (Lab) calculation and Writing experiment in file |
| **WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)** |
| **Holiday on account of Shahidi diwas.** |
| **WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Calculation of no. of component and degreeof freedom  B.Sc. (II) Med  Activity and activity coefficient, Standard cell, Nernst equation for EMF of a cell: Thermodynamics of a reversible cell- relationship of the EMF to the activities/ concentrations of the reactants and products  B.Sc III Sec A (Lab) To separate the mixture of dyes by thin layer chromatography |
| **WEEK 13** |
| **ASSIGNMENT:** |
| **WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)** |
| B. Sc.(II) Med. - Writing experiment in file  B.Sc. (II)Non Med. Sec B- Writing experiment in file |
| **WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Thermodynamic criteria for two-phase equilibrium for 1-component system, Gibbs Phase rule  B.Sc. (II) Med-  Activity and activity coefficient, Standard cell, Nernst equation for EMF of a cell: Thermodynamics of a reversible cell- relationship of the EMF to the activities/ concentrations of the reactants and products |
| **WEEK 13,DAY 4 ,DATE :29/03/2018(THURSDAY)** |
| **Holiday on account of Mahavir jayanti.** |
| **WEEK 13,DAY 5 ,DATE :30/03/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Conditions for phase equilibrium for multi-component system  B.Sc III Sec A (Lab)- Writing experiment in file  B.Sc I Sec A (Lab)- To study the process of sublimation of Camphor |
| **WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Thermodynamic criteria for two-phase equilibrium for 1-component system, Gibbs Phase rule  B.Sc. (II) Med-  Activity and activity coefficient, Standard cell, Nernst equation for EMF of a cell: Thermodynamics of a reversible cell- relationship of the EMF to the activities/ concentrations of the reactants and products  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test |
| **WEEK 14** |
| **ASSIGNMENT:** |
| **WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)** |
| B. Sc.(II) Med. – Revision and Viva related to given organic compound  B.Sc. (II)Non Med. Sec B- Revision and Viva related to given organic compound |
| **WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Phase diagram of 1-component system, H2O- System  B.Sc. (II) Med-  Thermodynamics of single electrode potential- Effect of concentration on electrode potential, Nernst equation for electrode potential |
| **WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Phase diagram of S- System  B.Sc. (II) Med-  Calculation of equilibrium constant (K) of cell reaction, Concentration cells and its types  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test |
| **WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Phase diagram of 1-component system, H2O- System  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- To study the process of sublimation of Pthalic acid |
| **WEEK 14 ,DAY 6 ,DATE :07/04/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Phase diagram of S- System  B.Sc. (II) Med-  Calculation of equilibrium constant (K) of cell reaction, Concentration cells and its types  B.Sc III Med (Lab)- Viva related of acid and basic radicals |
| **WEEK 15** |
| **ASSIGNMENT:** |
| **WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)** |
| B. Sc.(II) Med. - Revision and Viva related to given organic compound  B.Sc. (II)Non Med. Sec B- Revision and Viva related to given organic compound |
| **WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A-  Two component system, reduced phase rule equation and types of two components system involving solid-liquid equilibrium  B.Sc. (II) Med-  EMF of cells without and with transference |
| **WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A-  Simple Eutectic system  B.Sc. (II) Med-  liquid junction potential and Application of EMF measurement,  B.Sc III Med (Lab)- Viva of acid and basic radicals |
| **WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Two component system, reduced phase rule equation and types of two components system involving solid-liquid equilibrium  B.Sc III Med (Lab)- To analyse the mixture of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- Revision and Viva |
| **WEEK 15 ,DAY 6 ,DATE :14/04/2018(SATURDAY)** |
| **Holiday on account of Vaisakhi & Dr B.R. Ambedkar’s Jayanti.** |
| **WEEK 16** |
| **ASSIGNMENT:** |
| **WEEK 16,DAY1 ,DATE :16/04/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)** |
| B. Sc.(II) Med. - Revision and Viva related to given organic compound  B.Sc. (II)Non Med. Sec B- Revision and Viva related to given organic compound |
| **WEEK 16,DAY 3 ,DATE :18/04/2018(WEDNESDAY)** |
| **Holiday on account of Maharshi Pasuram Jayanti** |
| **WEEK 16,DAY 4 ,DATE :19/04/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A  Lead-Silver system, Desilverization of lead  B.Sc. (II) Med  Potentiometric titration using glass electrode  B.Sc III Med (Lab) viva of acid and basic radicals |
| **WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Simple Eutectic system  B.Sc III Med (Lab)- revision of acid and basic radicals by dry and wet test  B.Sc I Sec A (Lab)- Revision and Viva |
| **WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med-  Lead-Silver system, Desilverization of lead  B.Sc III Med (Lab)- Writing experiment in file |
| **WEEK 17** |
| **ASSIGNMENT:** |
| **WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |
| **WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)** |
| B. Sc.(II) Med. - Revision and Viva related to given organic compound  B.Sc. (II)Non Med. Sec B- Revision and Viva related to given organic compound |
| **WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)** |
| B. Sc.(III) Non Med Sec. A & B.Sc. (II) Med  **Revision and Problem discussion** |
| **WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)** |
| B. Sc.(III) Non Med Sec. A & B.Sc. (II) Med  **Revision and Problem discussion** |
| **WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)** |
| B. Sc.(III) Non Med Sec. B & Med  **Revision and Problem discussion**  B.Sc I Sec A (Lab) Revision and Viva |
| **WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)** |
| B. Sc.(III) Non Med Sec. B & Med  **Revision and Problem discussion** |
| **WEEK 18** |
| **ASSIGNMENT:** |
| **WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)** |
| B. Sc.(II) Med. - To detect the given organic compound  B.Sc. (II)Non Med. Sec B- To detect the given organic compound |