Saraswati Mahila Mahavidyalaya, Palwal

 **Lesson Plan**

**Name of the Assistant/Associate Professor:Vaishali**

**Class and Section: BSc 1(L), B.Sc 2( Th), B.sc 3 (Th)**

**Name of subject:Physics**

**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)** |
| **BSC II : PROBABILITY,TYPES OF PROBABLITY,THEORAMS,CONSIDERATION****BSC III: VECTOR ATOM MODEL** |
| **WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY)** |
| **BSC II:PERMUTATION,COMBINATION,TOSSING OF TWO COINS,TOSSING OF THREE COINS** **BSC III:QUANTUM NOS ASSOSIATED WITH VECTOR ATOM MODEL** |
| **WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)** |
| **BSC II:THROWING OF TWO DICE,PROBABILITY OF THREE DISTINGUSHABLE COINS** **BSC III:PENETRATING ORBITS** |
| **WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)** |
| **BSC I:LAB) VERIFICATION OF INVERSE SQUARE LAW BY PHOTO CELL(INTRODUCTION)** |
| **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)** |
| **BSC I: SAME PRACTICAL****BSC II:STUDY OF SERIES AND PARALLEL RESONANCE CIRCUIT** |
| **WEEK 2** |
| **ASSIGNMENT:** |
| **WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)** |
| **BSC II:REVISION****BSC III: REVISON** |
| **WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)** |
| **BSC II: THROWING OF TWO DICE ,PROBABILITY OF OCCURRENCE AND NON OCCURRENCE****BSC III:NON PENETRATING ORBITS** |
| **WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)** |
| **BSC II:CASE OF BOXES DIVIDED INTO EQUAL SIZWE,TOSSING OF ANY COINS****BSC III:SPECTRAL LINES IN DIFFERENT SPECTRA OF ALKALI MEATLS** |
| **WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)** |
| **BSC I: TO FIND “G” BY BAR PENDULUM** |
| **WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY)** |
| **BSC I: SAME PRACTICAL****BSC II:SAME PRACTICAL** |
| **WEEK 3** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY)** |
| **BSC II:DESTRIBUTION INTO TWO BOXES ,CONSTRAINTS ,STATES****BSC III: SPIN ORBIT INTERACTION** |
| **WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)** |
| **BSC II: STRILING APPROXIMATION,MOST PROBABLE DISTRIBUTION****BSC III: DOUBLET TERM SEPERATION** |
| **WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)** |
| **BSC II: TEST****BSC III:TEST** |
| **WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY)** |
| **BSC I:SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)****BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL**  |
| **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)** |
| **BSC II:INVERSE PROBABLITY ,OCCUPATION INDEX****BSC III: COUPLING OF LS MODEL** |
| **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)** |
| **BSC I: FIND OUT ELASTIC CONSTANT BY SEARLES METHOD** |
| **WEEK 4,DAY 5 ,DATE :26/01/2018(FRIDAY)** |
|  **Holiday on account of Republic Day.** |
| **WEEK 4 ,DAY 6 ,DATE :27/01/2018(SATURDAY)** |
| **BSC I:SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 5** |
| **ASSIGNMENT:** |
| **WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY)** |
| **BSC II: PHASE SPACE,DISTRIBUTION,SPACE AND DYNAMIC****BSC III:COUPLING OF LS TERM OF DOUBLET** |
| **WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)** |
| **BSC II:DEFINATION OF STATISTICAL PHYSICS,POSTULATES****BSC III:COUPLING OF JJ DOUBLET TERM** |
| **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)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY)** |
| **BSC I:SAME PRACTICAL****BSC II:SAME PRACTICAL** |
| **WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)****BSC I:SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 6** |
| **ASSIGNMENT:** |
| **WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)** |
| **BSC II:PHASE SPACE,SIZE OF PHASE SPACE****BSC III:ZEEMANS EFFECT** |
| **WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)** |
| **BSC II:DIVISION OF PHASE SPACE ,NO OF PHASE SPACE CELL****BSC III: ZEEMANS PATTERN OF D1 AND D2 Na LINES** |
| **WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)** |
| **BSC II: TEST****BSC III:PASCHEN BACK EFFECT** |
| **WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)** |
| **BSC I: CALCULATE SURFACE TENSION BY JEAGERS METHOD** |
| **WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY)** |
| **BSC I:SAME PRACTICAL****BSC II: TO DRAW GRAPH BETWEEN WAVELENGTH AND MINIMUM DEVIATION** |
| **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)** |
| **BSC II: GENERAL EXPRESSION OF PROBABLITY****BSC III: SINGLE VALNCE ELECTRON SYSTEM** |
| **WEEK 7 ,DAY 2 ,DATE :13/02/2018(TUESDAY)** |
| **Holiday on account of Maha Shivaratri.** |
| **WEEK 7,DAY 3 ,DATE :14/02/2018(WEDNESDAY)** |
|  **BSC II: ORAL TEST****BSC III: WRITTEN TEST** |
| **WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY)** |
|  **BSC I: SAME PRACTICAL** **BSC II: SAME PRACTICAL** |
| **WEEK 8** |
| **ASSIGNMENT:** |
| **WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)** |
| **BSC II: THE CONTRIBUTION INTO TWO SYSTEM** **BSC III: WEAK FIELD STRAK EFFECT OF HYDROGEN** |
| **WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)** |
|  **BSC II: ENTROPY AND PROABILITY** **BSC III: DISCREATE SETS OF ELECTRONIC ENERGY MOLECULESS** |
| **WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)** |
| **BSC II: THREE STASTICS,BASIC APPROACH IN THREE STATES****BSC III:QUANTISATION OF VIBRATIONAL RAMAN EFFECT** |
| **WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)** |
| **BSC I : FINDING THERMAL CONDUCTIVITY BY USING SEARLES METHDO****BSC II: SAME PRACTICAL** |
| **WEEK 9** |
| **ASSIGNMENT:** |
| **WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)** |
| **BSC II: BOLTZMAN DISTRIBNUTION OF LAW****BSCIII:QUANTISATION OF ROTATION RAMAN EFFECT** |
| **WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)** |
| **BSC II: PRESENTATION****BSC III:QUANTATIVE DESCRIPTION** |
| **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)** |
| **BSC II: CLASICAL VERSUSU QUANTUM STATICS** **BSC III: STOKES AND ANTI STOKES** |
| **WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)** |
| **BSC II: CONTINUM LIMIT,BOSE EINSTEIN** **BSC III:FEATURES OF LASER** |
| **WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)** |
| **BSC II: TEST****BSC III: SPATIAL AND TEMPERAL COHERENCE**  |
| **WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)** |
| **BSC I : FIND OUT LOW RESISTANCE BY CARRY FOSTERS BRIDGE** |
| **WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY)** |
|  **BSC I: TO FIND MODULUS OF RIGIDITY OF MAXWELLS NEEDLE** **BSC II: TO FIND WAVELENGTH BY NEWTONS RING** |
| **WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 11** |
| **ASSIGNMENT:** |
| **WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)** |
| **BSC II: EXPLNATION OF BLACK BOPDY RADIATION****BSC III: MOMENTUM TRANSFER ,LIFE TIME OF LEVEL** |
| **WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)** |
| **BSC II: PRESENTATION****BSC III: KINETICA OF OPTICAL OBSERVATION** |
| **WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)** |
| **BSC II: DECRIPTIVE OF PROBILITY****BSC III:TEST** |
| **WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY)** |
| **BSC I : IMPLEMENTATION****BSC II: CONTINUED PRACTIACL** |
| **WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY)** |
| **BSC I: DETERMENATION OF IMPEDENCE OF A.C CIRCUIT** **BSC II:MEASUREMENT OF SPECIFIC ROTATION BY POLARIMETER** |
| **WEEK 12** |
| **ASSIGNMENT:** |
| **WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)** |
| **BSC II: APPLICATION OF PLANCKS RADIATION LAW****BSC III:THRESHOLD CONDITION OF LASER EMISSION** |
| **WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)** |
| **BSC II: BOSE EINSTEIN GAS****BSC III: LASER PUMPING** |
| **WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)** |
| **BSC II: NUMERICAL PORTION OF BOSE EINSTEIN GAS****BSC III: HE –NE LASER** |
| **WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)** |
| **BSC I: CONTINUES PRACTICAL** |
| **WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)** |
|  **Holiday on account of Shahidi diwas.** |
| **WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY)** |
| **BSC I: SAME PRACTICAL****BSC II:SAME PRACTICAL** |
| **WEEK 13** |
| **ASSIGNMENT:** |
| **WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)** |
| **BSC II:MAXWELLS DISTRIBUTION LAW OF BOSE EINSTEIN GAS****BSC III:RUBY LASER** |
| **WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)** |
| **BSC II:DEGENERACY OF BOSE EINSTEIN DISTRIBUTION** **BSC III: TEST** |
| **WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)** |
| **BSC II: TEST****BSC III: BRIESF DESCRIPTION OF LASER** |
| **WEEK 13,DAY 4 ,DATE :29/03/2018(THURSDAY)** |
|  **Holiday on account of Mahavir jayanti.** |
| **WEEK 13,DAY 5 ,DATE :30/03/2018(FRIDAY)** |
| **BSC I: FIND OUT THE FREQUENCY OF AC MAINS BY SONOMTER** **BSC II:SAME PRACTICAL** |
| **WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY)** |
| **BSC I: SAME PRACTICAL** **BSC II:SAME PRACTICAL** |
| **WEEK 14** |
| **ASSIGNMENT:** |
| **WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)** |
| **BSC II: FERMI DIRAC, DESCRIPTION OF STATES****BSC III: PRESENTATION** |
| **WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)** |
| **BSC II: CONTINUM LIMT****BSC III: WORKING OF DIFFERENT STATES** |
| **WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)** |
| **BSC II: FERMI DIRAC AND FREMI ENERGY****QUANTATIVE DESCRIPTION** |
| **WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL**  |
| **WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 14 ,DAY 6 ,DATE 7/04/2018(SATURDAY)** |
| **BSC I: FIND OUT SURAFCE TENSION BY JEAGERS METHOD****BSC II:SAME PRACTICAL** |
| **WEEK 15** |
| **ASSIGNMENT:** |
| **WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)** |
| **BSC II:DECRIPTION OF FERMI ENERGY OTHER THAN ABSOLUTE ZERO** **BSAC III: TEST** |
| **WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)** |
| **BSC II: PRESENTATION****BSC III: LASER PHSYICS**  |
| **WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)** |
| **BSC II:TEST****BSC III: LASER AND DIFFERENT USE** |
| **WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)** |
| **BSC I: SAME PRACTICAL** |
| **WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: FIND THE AREA OF TRIANGLES ,SQUARE,CYLINDER** |
| **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)** |
| **BSC II: DEGENERACY OF FERMI GAS****BSC III:COMPLETE DESCRIPTION** |
| **WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)** |
| **BSC II:STRONG DEGENRACY ,GAS IN METALS****BSC III:APPLICATION OF LASER** |
| **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 1: SAME PRACTIACL** |
| **WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)** |
| **BSC I: SAME PRACTICAL****BSC II: SAME PRACTICAL** |
| **WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)** |
| **BSC I: SAME PRACTIACL****BSC II: SAME PRACTICAL** |
| **WEEK 17** |
| **ASSIGNMENT:** |
| **WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)** |
| **BSC II: REVISION****BSC III: REVISION** |
| **WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)** |
| **BSC II: REVISION****BSC III: REVISION** |
| **WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)** |
| **BSC II: REVISION** **BSC III: REVISION** |
| **WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)** |
| **BS CI: REVISION** |
| **WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)** |
| **BS CI: REVISION****BS CII; REVISION** |
| **WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)** |
| **BS C I: REVISION****BSC III; REVISION** |
| **WEEK 18** |
| **ASSIGNMENT:** |
| **WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)** |
| **BSC II: REVISION****BSC III: REVISION** |