

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT /ASSOCIATE PROFESSOR_E :Mrs. SANTOSH
KURRACLASS/SECTION : B.Sc. III Year SEC-A(4-6)(MON,TUE AND WED)
SUBJECT:SOLID STATE AND NANO PHYSICS

Week	Date	Topics Theory
1	1-Jan-18	
	2-Jan-18	
	3-Jan-18	
	4-Jan-18	CRYSTALLINE AND GLARRY FORMS LIQUID CRYSTALS
	5-Jan-18	CRYSTAL STRUCTURE, PERIODDICITY, LATTICE, BASIS, TRANSLATIONAL VECTOR
	6-Jan-18	UNITCELL AND PRIMITIVECELL, WINGER SEITZPRIMITIMECELL
	7-Jan-18	Sunday
2	8-Jan-18	
	9-Jan-18	
	10-Jan-18	
	11-Jan-18	SYMMETRY OPERATION FOR A TWO DIMENSIONAL CRYSTAL
	12-Jan-18	BRAVAIS LATTICES IN TWO AND THREE DIMEMENSIONS
	13-Jan-18	CRYSTAL PLANES AND MILLER INDICES, INTERPLANAR SPACING
	14-Jan-18	Sunday
3	15-Jan-18	
	16-Jan-18	
	17-Jan-18	
	18-Jan-18	CRYSTAL STRUCTURE OF ZNS, NAIL
	19-Jan-18	CRYSTAL STRUCTURE OF DIAMOND
	20-Jan-18	NUMERICAL PROBLEM AND DOUBTS
	21-Jan-18	Sunday
4	22-Jan-18	Vasant panchami
	23-Jan-18	
	24-Jan-18	Sir Chotu Ram Jayanti
	25-Jan-18	TEST OF UNIT –I
	26-Jan-18	Republic Day

	27-Jan-18	X –RAY DIFFRACTION (BASIC) + BRAGG’S LAW
	28-Jan-18	Sunday
5	29-Jan-18	
	30-Jan-18	
	31-Jan-18	
	1-Feb-18	EXPERIMENTAL X-RAY DIFFRACTION METHOD
	2-Feb-18	K-SPACE AND RECIPROCAL SPACE
	3-Feb-18	PHYSICAL SIGNIFICANCE OF K-SPACE AND RECIPROCAL SPACE
	4-Feb-18	Sunday
6	5-Feb-18	
	6-Feb-18	
	7-Feb-18	
	8-Feb-18	RECIPROCAL LATTICE VECTORS
	9-Feb-18	RECIPROCAL LATTICE TO SIMPLE CUBIC
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	
	13-Feb-18	Maha Shivratri
	14-Feb-18	
	15-Feb-18	RECIPROCAL LATTICE TO B.C.C AND F.C.C
	16-Feb-18	DOUBTS AND NUMERICAL PROBLEM
	17-Feb-18	TEST OF UNIT –II
	18-Feb-18	Sunday
8	19-Feb-18	
	20-Feb-18	
	21-Feb-18	
	22-Feb-18	HISTORICAL INTRODUCTION AND SURVEY OF SUPERCONDUCTIVITY
	23-Feb-18	SUPERCONDUCTING SYSTEM, HIGH TC SUPERCONDUCTORS
	24-Feb-18	ISOTOPIC EFFECT, CRITICAL MAGNETIC FIELD
	25-Feb-18	Sunday
9	26-Feb-18	
	27-Feb-18	

	28-Feb-18	HOLIDAY(UNV. VACATIONS)
	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	(UNV. VACATIONS)
	4-Mar-18	Sunday
10	5-Mar-18	
	6-Mar-18	
	7-Mar-18	
	8-Mar-18	MEISSNER EFFECT AND LONDON THEORY
	9-Mar-18	LONDON EQUATION AND PIPPARDIS EQUATION
	10-Mar-18	CLASSIFICATION OF SUPERCONDUCTORS (TYPE –I) AND (TYPE –II)
	11-Mar-18	Sunday
11	12-Mar-18	
	13-Mar-18	
	14-Mar-18	
	15-Mar-18	B C S THEORY OF SUPERCONDUCTIVITY, FLUX QUANTIRATION
	16-Mar-18	JOSEPPRON EFFECT (AC AND DC)
	17-Mar-18	PRACTICAL APPLICATION OF SUPERCONDUCTIVITY AND LIMITATIONS
	18-Mar-18	Sunday
12	19-Mar-18	
	20-Mar-18	
	21-Mar-18	
	22-Mar-18	POWER APPLICATION OF SUPERCONDUCTORS
	23-Mar-18	Shadeedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	DOUBTS AND NUMERICALS,
	25-Mar-18	Sunday/Ram Navami
13	26-Mar-18	
	27-Mar-18	
	28-Mar-18	
	29-Mar-18	Mahavir Jayanti

	30-Mar-18	DEFINITION AND LENGTH SCALL (NANO)
	31-Mar-18	IMPORTANCE OF NANO SCALE AND TECHNOLOGY
	1-Apr-18	Sunday
14	2-Apr-18	
	3-Apr-18	
	4-Apr-18	
	5-Apr-18	HISTORY OF NANO TECHNOLOGY, MOLECULAR ASSEMBLER CONCEPT
	6-Apr-18	BENEFITS AND CHALLENGERS IN MOLECULAR MANUFACTURING
	7-Apr-18	UNDERSTANDING ADVANCED CAPABULITY
	8-Apr-18	Sunday
15	9-Apr-18	
	10-Apr-18	
	11-Apr-18	TEST OF UNIT--- IV
	12-Apr-18	VISION AND OBJECTIVE OF NANO-TECHNOLOGY
	13-Apr-18	NANO TECHNOLOGY IN DIFFERENT FIELD, AUTOMOBILES, ELECTRONIC
	14-Apr-18	Dr Ambedjar Jayanti/Vaisakhi
	15-Apr-18	Sunday
16	16-Apr-18	REVISION OF UNIT I & II
	17-Apr-18	REVISION OF UNIT III & IV
	18-Apr-18	Parshurama Jayanti
	19-Apr-18	NANOTECHNOLOGY IN MEDICINE, BIOTECH MATERIALS
	20-Apr-18	DOUBTS AND OTHERS PRACTICAL PROBLEM
	21-Apr-18	TEST OF UNIT--- IV
	22-Apr-18	Sunday
17	23-Apr-18	UNIVERICITY PRACTICAL EXAMS
	24-Apr-18	UNIVERICITY PRACTICAL EXAMS
	25-Apr-18	UNIVERICITY PRACTICAL EXAMS
	26-Apr-18	UNIVERICITY PRACTICAL EXAMS
	27-Apr-18	UNIVERICITY PRACTICAL EXAMS

28-Apr-18	UNIVERICITY PRACTICAL EXAMS
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