

B Sc III YEAR (PHYSICS)

17/07/2017	1	Dr.S.K THAKUR	I	Mathmatical Physics	Orthogonal Transformation
18/07/2017	2	Dr.S.K THAKUR	I	Mathmatical Physics	Orthogonal Transformation
19/07/2017	1	Dr.S.K THAKUR	II	Quantum Mech.	Matter & Radiation, Photo Electric Effect.
20/07/2017				C.T.	
21/07/2017	1	Dr.S.K THAKUR	IV	Spectra	Atomic Model , Fine Structure Of H α Lines
21/07/2017	1	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Principle Of Equal A Priori Probability
22/07/2017	3	Dr.S.K THAKUR	I	Mathmatical Physics	Transformation Matrix
22/07/2017	2	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Probability Distribution, Average Properties.
24/07/2017	4	Dr.S.K THAKUR	I	Mathmatical Physics	Proper And Improper Rotation
25/07/2017	2	Dr.S.K THAKUR	II	Quantum Mech.	Compton Effect & de Borgile Hypothesis
26/07/2017	3	Dr.S.K THAKUR	II	Quantum Mech.	Davision – Gremer Experiment
27/07/2017	2	Dr.S.K THAKUR	IV	Spectra	Vectoe Atom Model
29/07/2017		Dr.S.K THAKUR		C.T.	
29/07/2017	3	MANEETA SINGH	III		Probability Distribution, Average Properties.
31/07/2017	5	Dr.S.K THAKUR	I	Mathematical Physics	Eluer Angle
01/08/2017	6	Dr.S.K THAKUR	I	Mathematical Physics	Curvilinear Co-ordinate
02/08/2017	4	Dr.S.K THAKUR	II	Quantum	Wave Packet, Uncertinity Principle
03/08/2017	5	Dr.S.K THAKUR	II	Quantum	Complementary Principle
04/08/2017	3	Dr.S.K THAKUR	IV	Spectra	Paulie's Exclusion Principle
04/08/2017	1	ABHISHEK VERMA	III	Magnetism	Diamagnetism, Paramagnetism Due To Free Ions And Conduction Electrons
05/08/2017				C.T.	
05/08/2017	2	ABHISHEK VERMA	III	Magnetism	Diamagnetism, Paramagnetism Due To Free Ions And Conduction Electrons
08/08/2017	7	Dr.S.K THAKUR	I	Mathematical	Tengent Basic Vector, Scale Factor
09/08/2017	8	Dr.S.K THAKUR	I	Mathematical	Spherical, Polar And Cylinderal Co-ordinate Systems
10/08/2017	6	Dr.S.K THAKUR	II	Quantum Mech.	Angulra Movement, Magenetic Movement
11/08/2017	7	Dr.S.K THAKUR	II	Quantum Mech.	Stren- Gerlach Experiment
11/08/2017	3	ABHISHEK VERMA	III	Magnetism	Diamagnetism, Paramagnetism Due To Free Ions And Conduction Electrons
12/08/2017	4	Dr.S.K THAKUR	IV	Spectra	Optical Spectra Of Alkali Atom
12/08/2017	4	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	The μ And Gamma Space

13/08/2017				C.T	
16/08/2017	9	Dr.S.K THAKUR	I	Math. Physics	Polar & Cylindrical Co-Ordinate System
17/08/2017	10	Dr.S.K THAKUR	I	Math. Physics	Gradient Of Sealar
18/08/2017	8	Dr.S.K THAKUR	II	Quantum Mech.	Schrodinger Equation- Time Independent
18/08/2017	4	ABHISHEK VERMA	III	Lasers And Masers	Stimulated And Spontaneous Emission Of Radiation
19/08/2017	9	Dr.S.K THAKUR	II	Quantum Mech.	Schrodinger Equation- Time Independent
19/08/2017	5	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Density Of States
21/08/2017	5	Dr.S.K THAKUR	IV	Spectra	Electron Spin And Fine Structure
22/08/2017				C.T.	
23/08/2017	11	Dr.S.K THAKUR	I	Mathematical	Divergance Of Vactor.
24/08/2017	12	Dr.S.K THAKUR	II	Mathematical	Curl Of Vactor
25/08/2017	10	Dr.S.K THAKUR	II	Quantum Mech.	Postulate Of Q.M.
25/08/2017	6	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Ergodic Surface
26/08/2017	11	Dr.S.K THAKUR	II	Quantum Mech.	Physical Interpration Of Ψ
26/08/2017	5	ABHISHEK VERMA	III	Lasers And Masers	Einstein's Coefficients, Population Inversion By Pumping And Cavity
28/08/2017	6	Dr.S.K THAKUR	IV	Spectra	Spin-orbit Interaction
29/08/2017				M.T	
31/08/2017	13	Dr.S.K THAKUR	I	Math. Physics	Laplace Equation In Spherical Co-ordinate
01/09/2017	14	Dr.S.K THAKUR	I		Laplace Eq. Polar Co-ordinate System
01/09/2017	6	ABHISHEK VERMA	III	Lasers And Masers	Working Principle Of Three Level Laser
02/09/2017	12	Dr.S.K THAKUR		Quan. Mech	Schrodinger Eq. Operator
02/09/2017	7	ABHISHEK VERMA	III	Lasers And Masers	Ruby And Helium-Neon Laser, Elementary Idea Of Masers.
05/09/2017	13	Dr.S.K THAKUR	II	Quantum Mech.	Observable and Measurement
06/09/2017	7	Dr.S.K THAKUR	IV	Spectra	Zeeman Effect
07/09/2017		Dr.S.K THAKUR		C.T.	
08/09/2017	15	Dr.S.K THAKUR	I	Math. Physics	Solution of Laplace Equation
08/09/2017	8	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Rutherford-Particle Scattering And Concept Of Nucleus
09/09/2017	16	Dr.S.K THAKUR	I	Math. Physics	Legendre Differential Eq.
09/09/2017	9	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Static Properties (Size, Spin, Magnetic Moment, Parity And Quadruple Moment) Of Nucleus.
11/09/2017	14	Dr.S.K THAKUR	II	Quant. Mech.	Eigen value and Eigen Function
12/09/2017	15	Dr.S.K THAKUR	II	Quant. Mech.	Classical Lim. & Correspondent principle
13/09/2017	8	Dr.S.K THAKUR	IV	Spectra	Paschen – Back Effect

14/09/2017				C.T.	
15/09/2017	17	Dr.S.K THAKUR	I	Math. Physics	Generating Function of Legendrepoly
15/09/2017	10	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Liquid Drop Model
16/09/2017	18	Dr.S.K THAKUR	I	Math. Physics	Recursion relation of Legendre Poly
16/09/2017	7	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Liouville's Theorem
18/09/2017	16	Dr.S.K THAKUR	II	Quant. Mech.	Normalization & orthogonality
19/09/2017	17	Dr.S.K THAKUR	II	Quant. Mech.	Degeneracy and parity
21/09/2017	9	Dr.S.K THAKUR	IV	Spectra	Stark Effect
22/09/2017				M.T.	
22/09/2017	8	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Idea Of Statistical Equilibrium
23/09/2017	19	Dr.S.K THAKUR	I	Math. Physics	Rodrigue Formula
23/09/2017	9	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Microcanonical,
25/09/2017	20	Dr.S.K THAKUR	I	Math. Physics	Orthogonaliti of Lugendrapoly
26/09/2017	18	Dr.S.K THAKUR	II	Quant. Mech.	Probablity current density
27/09/2017	19	Dr.S.K THAKUR	II	Quant. Mech.	Expection on value of obserible
03/10/2017	10	Dr.S.K THAKUR	IV	Spectra	Spectra of Helium
04/10/2017				C.T.	
06/10/2017	21	Dr.S.K THAKUR	I	Math. Physics	Associated Legendre Polynomial
06/10/2017	11	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Semiempirical Mass And Binding Energy Formula And Bohr-Wheeler Theory Of Nuclear Fission;
07/10/2017	22	Dr.S.K THAKUR	I	Math. Physics	Hermite Ditterential Eq.
07/10/2017	10	MANEETA SINGH	III	Statistical Basis Of Thermodynamics	Canonical And Grand-Canonical Ensambles.
09/10/2017	20	Dr.S.K THAKUR	II	Quant. Mech.	Ehernfest theorem
10/10/2017	21	Dr.S.K THAKUR	II	Quant. Mech.	Linear operators, product of two operator
11/10/2017	11	Dr.S.K THAKUR	IV	Spectra	Alkali Earth Element Spectra
12/10/2017				C.T.	
13/10/2017	23	Dr.S.K THAKUR	I	Math. Physics	Generaling function of Hermite Equation
13/10/2017	11	MANEETA SINGH	III	Thermodynamic Equilibrium	Probability And Entropy
14/10/2017	24	Dr.S.K THAKUR	I	Math. Physics	Recursion Relation of Hermite Equation
14/10/2017	12	MANEETA SINGH	III	Thermodynamic Equilibrium	Boltzman Entropy Relation
16/10/2017	22	Dr.S.K THAKUR	II	Quant. Mech.	Commutating & Non- commuting operator
23/10/2017	23	Dr.S.K THAKUR	II	Quant. Mech.	Simultaneous Eigen Function
24/10/2017	12	Dr.S.K THAKUR	IV	Spectra	JJ Coupling Scheme
25/10/2017				M.T.	

26/10/2017	25	Dr.S.K THAKUR	I	Math. Physics	Orthogonality of Hermite Pylonomial
27/10/2017	26	Dr.S.K THAKUR	I	Math. Physics	Laguerre Dittrrrential Equation
27/10/2017	13	MANEETA SINGH	III	Thermodynamic Equilibrium	Statistical Interpretation Of The Second Law Of Thermodynamics,
28/10/2017	24	Dr.S.K THAKUR	II	Quant. Mech.	Hermetian operator
28/10/2017	14	MANEETA SINGH	III	Thermodynamic Equilibrium	Maxwell-Boltzman Distribution
30/10/2017	25	Dr.S.K THAKUR	II	Quant. Mech.	Partical in box
31/10/2017	13	Dr.S.K THAKUR	IV	Spectra	L-S Coupling Scheme
01/11/2017				C.T.	
02/11/2017	27	Dr.S.K THAKUR	I	Math. Physics	Generating function of Lagures polynomial
03/11/2017	28	Dr.S.K THAKUR	I	Math. Physics	Orthogonality of Lagure Pylonomial
03/11/2017	15	MANEETA SINGH	III	Thermodynamic Equilibrium	Maxwell Distribution Of Speeds In An Ideal Gas.
06/11/2017	26	Dr.S.K THAKUR	II	Quant. Mech.	Concept of potential well
07/11/2017	27	Dr.S.K THAKUR	II	Quant. Mech.	Wane function & energy of ground State
08/11/2017	14	Dr.S.K THAKUR	IV	Spectra	L-S; J-J Enteraction energy
10/11/2017				C.T.	
10/11/2017	12	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Nuclear Fusion
11/11/2017	29	Dr.S.K THAKUR	I	Math. Physics	Recursion Relation Leggur's Polynomial
11/11/2017	16	MANEETA SINGH	III	Quantum Statistics	Cell Size, As Nature's Constant
13/11/2017	30	Dr.S.K THAKUR	I	Classical Mech.	Mechanism of System of particles
14/11/2017	28	Dr.S.K THAKUR	II	Quant. Mech.	Step potential
15/11/2017	29	Dr.S.K THAKUR	II	Quant. Mech.	Potential through rectangular barrier
16/11/2017	15	Dr.S.K THAKUR	IV	Spectra	Zeeman Effect in Alkali Earth Elements
17/11/2017				C.T.	
17/11/2017	17	MANEETA SINGH	III	Quantum Statistics	Cell Size, As Nature's Constant
18/11/2017	31	Dr.S.K THAKUR	I	Classical Mech.	Conversation theorem
18/11/2017	13	ABHISHEK VERMA	III	Nucleus And Nuclear Models	Bethe's Theory Of Nuclear Energy
20/11/2017	32	Dr.S.K THAKUR	I	Classical Mech.	Constraints
21/11/2017	30	Dr.S.K THAKUR	II	Quant. Mech.	Transmission Coefficients
22/11/2017	31	Dr.S.K THAKUR	II	Quant. Mech.	Quantum Mech.
23/11/2017	16	Dr.S.K THAKUR	IV	Spectra	Paschan- Back effect
24/11/2017				M.T.	
24/11/2017	14	ABHISHEK	III	Nucleus And Nuclear Models	Shell Model

		VERMA			
25/11/2017	15	ABHISHEK VERMA		Nucleus And Nuclear Models	Explanation Of Magic Numbers.
25/11/2017	33	Dr.S.K THAKUR	I	Classical Mech.	Generalised Coordinate
27/11/2017	34	Dr.S.K THAKUR	I	Classical Mech.	D'Alembert's Principle
28/11/2017	32	Dr.S.K THAKUR	II	Quant. Mech.	Quantum Mech. Tunniling
29/11/2017	33	Dr.S.K THAKUR	II	Quant. Mech.	Harmonic Oscillator
30/11/2017	17	Dr.S.K THAKUR	IV	Spectra	Intensity of Spectra
01/12/2017				C.T.	
01/12/2017	16	ABHISHEK VERMA	III	Nuclear Instruments	Cyclotron
02/12/2017	35	Dr.S.K THAKUR	I	Classical Mech.	Lagrange's Equation
02/12/2017	17	ABHISHEK VERMA	III	Nuclear Instruments	Synchrotron
03/12/2017	36	Dr.S.K THAKUR	I	Classical Mech.	Generalised Momentum
06/12/2017	34	Dr.S.K THAKUR	II	Q.M.	Principal of Least action
07/12/2017	35	Dr.S.K THAKUR	II	Quant. Mech.	Function of ground state
08/12/2017	18	Dr.S.K THAKUR	IV	Spectra	Di atomic Molecule Spectra
08/12/2017	18	MANEETA SINGH	III	Quantum Statistics	Indistinguishability And Symmetry Considerations.
09/12/2017				C.T.	
09/12/2017	19	MANEETA SINGH	III	Quantum Statistics	Indistinguishability And Symmetry Considerations.
11/12/2017	19	Dr.S.K THAKUR	IV	Spectra	Near & Far I.R. Spectra
12/12/2017	20	Dr.S.K THAKUR	IV	Spectra	Rotation Spectra
13/12/2017	37	Dr.S.K THAKUR	I	Math. Physics	Lagrangion for free particle
14/12/2017	38	Dr.S.K THAKUR	I	Math. Physics	Two body problem
15/12/2017	36	Dr.S.K THAKUR	II	Quant. Mech.	Zero point energy
15/12/2017	20	MANEETA SINGH	III	Quantum Statistics	Fermi-Dirac And Bose-Einstein Distributions
16/12/2017		Dr.S.K THAKUR		C.T.	
16/12/2017	21	MANEETA SINGH	III	Quantum Statistics	Fermi-Dirac And Bose-Einstein Distributions
18/12/2017	21	Dr.S.K THAKUR	IV	Spectra	Vibration Spectra
19/12/2017	22	Dr.S.K THAKUR	IV	Spectra	Rot- vib Spectra
20/12/2017	39	Dr.S.K THAKUR	I	Math. Physics	Two body problem- Central mass
21/12/2017	40	Dr.S.K THAKUR	I	Math. Physics	Keplers problem
22/12/2017	37	Dr.S.K THAKUR	II	Quant. Mech.	Hydrogen Atom Schrö dinger Wave Equation
22/12/2017	22	MANEETA SINGH	III	Quantum Statistics	Plank's Law,

23/12/2017				M.T.	
23/12/2017	23	MANEETA SINGH	III	Quantum Statistics	Saha's Theory Of Thermal Ionisation
26/12/2017	23	Dr.S.K THAKUR	IV	Spectra	P,Q,R Branches of Molecular Spectra
27/12/2017	24	Dr.S.K THAKUR	IV	Spectra	Molecular Electronic State
28/12/2017	41	Dr.S.K THAKUR	I	Math. Physics	Canonical Formulation- Hamaltorial Equation
29/12/2017	42	Dr.S.K THAKUR	I	Math. Physics	Canonical Transformation
29/12/2017	18	ABHISHEK VERMA	III	Nuclear Instruments	Betatron And Geiger-Muller Counter
30/12/2017	38	Dr.S.K THAKUR	II	Quant. Mech.	Hydrogen atom Schrö Equation Solution
30/12/2017	24	MANEETA SINGH	III	Quantum Statistics	Richardson-Dushman Equation.
01/01/2018				C.T.	
02/01/2018	25	Dr.S.K THAKUR	IV	Spectra	Symetry property of Electronic States
03/01/2018	26	Dr.S.K THAKUR	IV	Spectra	Coupling of Electronic & Rotational Spectra
04/01/2018	43	Dr.S.K THAKUR	I	Math. Physics	Poisson Bracket
05/01/2018	44	Dr.S.K THAKUR	I	Math. Physics	Angular Momentum Of Poisson Bracket
05/01/2018	25	MANEETA SINGH	III	Quantum Statistics	Richardson-Dushman Equation.
06/01/2018				C.T.	
06/01/2018	26	ABHISHEK VERMA	III	Elementary Particles	Classification, Elementary Ideas Of Strong
08/01/2018	27	Dr.S.K THAKUR	IV	Spectra	Electronic Band System
09/01/2018	28	Dr.S.K THAKUR	IV	Spectra	Electronic Band System
10/01/2018	45	Dr.S.K THAKUR	I	Math. Physics	Hamiltonian Principle Function
11/01/2018	46	Dr.S.K THAKUR	I	Math. Physics	Hamiltonian Jacobi Equation
12/01/2018	39	Dr.S.K THAKUR	II	Quant. Mech.	Eigen Function of L^2
12/01/2018	27	ABHISHEK VERMA	III	Elementary Particles	Electromagnetic, Weak And Gravitational Interactions
16/01/2018				C.T.	
17/01/2018	29	Dr.S.K THAKUR	IV	Spectra	Sequence & progression
18/01/2018	30	Dr.S.K THAKUR	IV	Spectra	Frank- Condon principle
19/01/2018	47	Dr.S.K THAKUR	I	Math. Physics	Harmonic oscillator problem
19/01/2018	28	ABHISHEK VERMA	III	Elementary Particles	Basic Idea Of Quark Model.
20/01/2018	48	Dr.S.K THAKUR	I	Math. Physics	Hamiltonian characteristic function
22/01/2018	29	MANEETA SINGH	III		REVISION
22/01/2018	49	Dr.S.K THAKUR	I	Math. Physics	Separation of variables
23/01/2018				M.T.	
24/01/2018	31	Dr.S.K THAKUR	IV	Spectra	Frank- Condon Principle
25/01/2018	32	Dr.S.K THAKUR	IV	Spectra	Frank- Condon Principle
27/01/2018	42	Dr.S.K THAKUR	II	Quant. Mech.	L^2 & L_z & their Degeneracy

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