Column1	Column2	Column3	Column4	Column42	Column5	Column6
PHYSICS	**I PUC**	**CODE**	*DEPARTMENT OF P U EDUCATION*		*ACADEMIC PROGRAM FOR THE YEAR 2018-19*	
	CLASS	**33**	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	*PRACTICE SESSIONS*	*PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH*	
DAY	DATE	DAY				
DAY 1	02-May-18	WEDNESDAY				
DAY 2	3-May-18	THURSDAY				
DAY 3	04-May-18	FRIDAY				
DAY 4	5-May-18	SATURDAY				
DAY 5	06-May-18	SUNDAY				
DAY 6	7-May-18	MONDAY				
DAY 7	08-May-18	TUESDAY				
DAY 8	9-May-18	WEDNESDAY				
DAY 9	10-May-18	THURSDAY				
DAY 10	11-May-18	FRIDAY				
DAY 11	12-May-18	SATURDAY	Election			
DAY 12	13-May-18	SUNDAY				
DAY 13	14-May-18	MONDAY	**Bridge course**: Measurements in daily life and their conversion from one system of unit to other			
DAY 14	15-May-18	TUESDAY	Basic arithmetic addition, subtraction, multiplication, division of fractions, decimals			
DAY 15	16-May-18	WEDNESDAY	Basic trignometric functioins			
DAY 16	17-May-18	THURSDAY	Calculus -Basics			
DAY 17	18-May-18	FRIDAY	Calculus basics			
DAY 18	19-May-18	SATURDAY	Physical significance of plotting graphs			
DAY 19	20-May-18	SUNDAY				
DAY 20	21-May-18	MONDAY	Unit-1- Chapter 1: PHYSICAL WORLD - what is physics -			
DAY 21	22-May-18	TUESDAY	Scope and excitement of physics -			
DAY 22	23-May-18	WEDNESDAY	Physics, technology and society			
DAY 23	24-May-18	THURSDAY	Fundamental forces in nature - Nature of physical laws.			
DAY 24	25-May-18	FRIDAY		Practice 1mark, 2mark ,3 mark questions from question bank		
DAY 25	26-May-18	SATURDAY		Practice 1mark, 2mark ,3 mark questions from question bank		
DAY 26	27-May-18	SUNDAY				
DAY 27	28-May-18	MONDAY	Chapter 2: UNITS AND MEASUREMENTS- Introduction, international system of units, measurement of -Length, mass and time.			
DAY 28	29-May-18	TUESDAY	Accuracy, precision of instruments and errors in measurement: Significant figures,			
DAY 29	30-May-18	WEDNESDAY	Dimensions of physical quantities ,dimensional formulae and dimensional equations, dimensional analysis and its applications			
DAY 30	31-May-18	THURSDAY	Unit-2- Chapter 3: MOTION IN A STRAIGHT LINE Introduction, Position, path length and displacement			
DAY 31	01-Jun-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 32	2-Jun-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 33	03-Jun-18	SUNDAY				

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION			ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	**33**	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)		*PRACTICE SESSIONS*	*PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH*	
DAY	DATE	DAY					
DAY 34	4-Jun-18	MONDAY	Average velocity and speed-instantaneous velopcity & speed			Experiment 1) a. To measure diameter of a small spherical/cylindrical body using Vernier Callipers. b) To measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.	
DAY 35	05-Jun-18	TUESDAY	Accleration				
DAY 36	6-Jun-18	WEDNESDAY	kinematic equations for uniformly accelerated motion:				
DAY 37	07-Jun-18	THURSDAY	Relative velocity				
DAY 38	8-Jun-18	FRIDAY			**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 39	09-Jun-18	SATURDAY			**PRACTICE SESSION-2**: Solve numerical problems		
DAY 40	10-Jun-18	SUNDAY					
DAY 41	11-Jun-18	MONDAY	**Chapter 4: MOTION IN A PLANE-** Introduction- Scalars and vectors –position and displacement vectors -equality of vectors			Experiment 2) a)To measure diameter of a given wire using screw gauge. b) To measure thickness of a given sheet using screw gauge c) To measure volume of an irregular lamina using screw gauge.	
DAY 42	12-Jun-18	TUESDAY	multiplication of vectors by real numbers- addition and subtraction of vectors - graphical method				
DAY 43	13-Jun-18	WEDNESDAY	Resolution of vectors,				
DAY 44	14-Jun-18	THURSDAY	vector addition -analytical method				
DAY 45	15-Jun-18	FRIDAY			PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 46	16-Jun-18	SATURDAY	rRAMJAN				
DAY 47	17-Jun-18	SUNDAY					
DAY 48	18-Jun-18	MONDAY	Motion in a plane, position vector and displacement			Experiment3) To determine radius of curvature of a given spherical surface by a spherometer	
DAY 49	19-Jun-18	TUESDAY	velocity - acceleration				
DAY 50	20-Jun-18	WEDNESDAY	motion in aplane with constant acceleration				
DAY 51	21-Jun-18	THURSDAY	Relative velocity in two dimensions				
DAY 52	22-Jun-18	FRIDAY			**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions		
DAY 53	23-Jun-18	SATURDAY			**PRACTICE SESSION-2**: Solve numerical problems		
DAY 54	24-Jun-18	SUNDAY					
DAY 55	25-Jun-18	MONDAY	projectile motion- equation of path of a projectile			Experiment4) To determine the masses of two different objects using a beam balance	
DAY 56	26-Jun-18	TUESDAY	Derivations of expressions for time of flight- maximum height -range of projectile				
DAY 57	27-Jun-18	WEDNESDAY	Uniform circular motion: Derivation of expression centripetal acceleration				
DAY 58	28-Jun-18	THURSDAY	Numerical problems				
DAY 59	29-Jun-18	FRIDAY			**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank Prepared by PU department		

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	33	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	PRACTICE SESSIONS	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 60	30-Jun-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems from NCERT text book in this chapter		
DAY 61	01-Jul-18	SUNDAY				
DAY 62	2-Jul-18	MONDAY	UNIT-III Chapter 5: LAWS OF MOTION Aristotle's fallacy -the law of inertia , Newton's first law of motion		Experiment 5) To find the weight of a given body using parallelogram law of vectors.	
DAY 63	03-Jul-18	TUESDAY	Newton's second law of motion, momentum			
DAY 64	4-Jul-18	WEDNESDAY	Derivation of F=ma=dp/dt			
DAY 65	05-Jul-18	THURSDAY	Impulse			
DAY 66	6-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 67	07-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 68	8-Jul-18	SUNDAY				
DAY 69	09-Jul-18	MONDAY	Newton's third law of motion - misconceptions about usage of terms action and reaction		Experiment 6) Using a simple pendulum, plot L-T and L-T2 graphs. Hence find the effective length of a second'spendulum using appropriate graph.	
DAY 70	10-Jul-18	TUESDAY	Law of conservation of linear momentum: Statement and proof in the case of collision of two bodies			
DAY 71	11-Jul-18	WEDNESDAY	Condition for equilibrium of a particle under the action of concurrent forces,			
DAY 72	12-Jul-18	THURSDAY	common forces in mechanics -friction-static friction, kinetic friction and rolling friction			
DAY 73	13-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 74	14-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 75	15-Jul-18	SUNDAY				
DAY 76	16-Jul-18	MONDAY	advantages and disadvantages of friction, methods of reducing friction		Experiment7) To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between a block and a horizontal surface.	
DAY 77	17-Jul-18	TUESDAY	circular motion- motion of a car on a level road			
DAY 78	18-Jul-18	WEDNESDAY	motion of a car on a banked road			
DAY 79	19-Jul-18	THURSDAY				
DAY 80	20-Jul-18	FRIDAY				1 TEST
DAY 81	21-Jul-18	SATURDAY				
DAY 82	22-Jul-18	SUNDAY				
DAY 83	23-Jul-18	MONDAY	UNIT-IV Chapter 6: WORK, ENERGY AND POWER; introduction		Experiment 8) To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination (θ) by plotting graph between force and sin θ.	
DAY 84	24-Jul-18	TUESDAY	Scalar product of two vectors -commutative law- distributive law			
DAY 85	25-Jul-18	WEDNESDAY	Notions of work and kinetic energy: the work-energy theorem			
DAY 86	26-Jul-18	THURSDAY	definition of work-conditions for NO work done, positive and negative work, unit and dimensions of work			

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	33	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	PRACTICE SESSIONS	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 87	27-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 88	28-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 89	29-Jul-18	SUNDAY				
DAY 90	30-Jul-18	MONDAY	kinetic energy -its measurement- unit and dimensions		Experiment 9) To determine Young's modulus of elasticity of the material of a given wire.	
DAY 91	31-Jul-18	TUESDAY	work done by variable force - expression -graphical representation (F-x-curve)			
DAY 92	1-Aug-18	WEDNESDAY	The work-energy theorem for variable force			
DAY 93	02-Aug-18	THURSDAY	The concept of potential energy			
DAY 94	3-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 95	04-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 96	5-Aug-18	SUNDAY				
DAY 97	06-Aug-18	MONDAY	The conservation of mechanical energy - illustration in case of a freely falling body		Experiment10) To find the force constant of a helical spring by plotting a graph between load and extension.	
DAY 98	7-Aug-18	TUESDAY	The potential energy of a spring - spring constant - work done by the spring force			
DAY 99	08-Aug-18	WEDNESDAY	Conservative and non-conservative forces with examples			
DAY 100	9-Aug-18	THURSDAY	various forms of energy: the law of conservation of energy			
DAY 101	10-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 102	11-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 103	12-Aug-18	SUNDAY				
DAY 104	13-Aug-18	MONDAY	the principle of conservation of energy		Experiment11) To study the variation in volume with pressure for a sample of air at constant temperature by plotting graphs between P and V, and between P and 1/V.	
DAY 105	14-Aug-18	TUESDAY	Power- definition- units (watt, hp) and dimensions- expression for instantaneous power (P= **F.v**)			
DAY 106	15-Aug-18	WEDNESDAY	collisions -elastic and inelastic collisions			
DAY 107	16-Aug-18	THURSDAY	collisions in one dimensions- expression for loss in kinetic energy for completely inelastic collision			
DAY 108	17-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 109	18-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 110	19-Aug-18	SUNDAY				
DAY 111	20-Aug-18	MONDAY	expression for velocity of the masses in an elastic collision		Experiment 12) To determine the surface tension of water by capillary rise method.	
DAY 112	21-Aug-18	TUESDAY	Collisions in two dimensions,			
DAY 113	22-Aug-18	WEDNESDAY	Numerical Problems.			
DAY 114	23-Aug-18	THURSDAY	Numerical Problems.			

PHYSICS	I PUC	CODE	*DEPARTMENT OF P U EDUCATION*		*ACADEMIC PROGRAM FOR THE YEAR 2018-19*	
	CLASS	**33**	*PUC (4 THEORY+2 PRACTICE HOURS A WEEK)*	*PRACTICE SESSIONS*	*PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH*	
DAY	DATE	DAY				
DAY 115	24-Aug-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 116	25-Aug-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 117	26-Aug-18	SUNDAY				
DAY 118	27-Aug-18	MONDAY	UNIT-V Chapter 7: SYSTEMS OF PARTICLES AND ROTATIONAL MOTION Definitions of a rigid body, translatory motion and rotatory motion -		Experiment13) To determine the coefficient of viscosity of a given viscous liquid by measuring the terminal velocity of a given spherical body.	
DAY 119	28-Aug-18	TUESDAY	Centre of mass of a two-particle system			
DAY 120	29-Aug-18	WEDNESDAY	Mention of expression for position coordinates of centre of mass of (a) n particle system (b) a rigid body and (c) a uniform thin rod.			
DAY 121	30-Aug-18	THURSDAY	Motion of center of mass- linear momentum of system of particles -the law of conservation of total linear momentum of system of particles. (**P** = 0)			
DAY 122	31-Aug-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 123	01-Sep-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 124	2-Sep-18	SUNDAY				
DAY 125	03-Sep-18	MONDAY	vector product of two vectors- definition of vector product -rule of the right handed screw - properties of vector product		Experiment 14) To study the relationship between the temperature of a hot body and time by plotting a coolingcurve	
DAY 126	4-Sep-18	TUESDAY	Angular velocity and its relation with linear velocity- angular acceleration			
DAY 127	05-Sep-18	WEDNESDAY	Torque and angular momentum -mathematical definition - derivation of relation between them			
DAY 128	6-Sep-18	THURSDAY	torque and angular momentum for a system of particles - law of conservation of angular momentum with illustrations (7.13.1)			
DAY 129	07-Sep-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 130	8-Sep-18	SATURDAY		**PRACTICE SESSION-2**: Revision		
DAY 131	09-Sep-18	SUNDAY				
DAY 132	10-Sep-18	MONDAY				
DAY 133	11-Sep-18	TUESDAY				
DAY 134	12-Sep-18	WEDNESDAY				
DAY 135	13-Sep-18	THURSDAY				
DAY 136	14-Sep-18	FRIDAY				
DAY 137	15-Sep-18	SATURDAY				MID TERM
DAY 138	16-Sep-18	SUNDAY				
DAY 139	17-Sep-18	MONDAY				
DAY 140	18-Sep-18	TUESDAY				
DAY 141	19-Sep-18	WEDNESDAY				
DAY 142	20-Sep-18	THURSDAY				
DAY 143	21-Sep-18	FRIDAY				
DAY 144	22-Sep-18	SATURDAY		solving question paper		

PHYSICS	I PUC	CODE	*DEPARTMENT OF P U EDUCATION*		*ACADEMIC PROGRAM FOR THE YEAR 2018-19*	
	CLASS	**33**	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	*PRACTICE SESSIONS*	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 145	23-Sep-18	SUNDAY				
DAY 146	24-Sep-18	MONDAY	conditions for equilibrium of a rigid body -couple -principle of moments -mechanical advantage - center of gravity		Experiment 15) To determine specific heat capacity of a given (i) solid (ii) liquid, by method of mixtures.	
DAY 147	25-Sep-18	TUESDAY	moment of inertia - radius of gyration -mention of expressions for moment of inertia of some regular shaped bodies about specific axes-theorems of perpendicular and parallel axes			
DAY 148	26-Sep-18	WEDNESDAY	kinematics of rotational motion about a fixed axis-dynamics of rotational motion about a fixed axis - work done by a torque			
DAY 149	27-Sep-18	THURSDAY	angular momentum in case of rotation about a fixed axis - rolling motion- kinetic energy of rolling motion			
DAY 150	28-Sep-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 151	29-Sep-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 152	30-Sep-18	SUNDAY				
DAY 153	01-Oct-18	MONDAY	UNIT-VI Chapter 8: GRAVITATION- introduction Kepler's laws of planetary motion: Statement and explanation -		Experiment16) (i) To study the relation between frequency and length of a given wire under constant tension using sonometer. (ii) To study the relation between the length of a given wire and tension for constant frequency using sonometer	
DAY 154	2-Oct-18	TUESDAY				
DAY 155	03-Oct-18	WEDNESDAY	Universal law of gravitation: Statement and explanation- the gravitational constant -Cavendish experiment -Acceleration due to gravity of the earth - Derivation of relation between g and G -			
DAY 156	4-Oct-18	THURSDAY	accleration due to gravity below and above the surface of the earth - gravitational potential energy -derivation of expression			
DAY 157	05-Oct-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 158	6-Oct-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 159	07-Oct-18	SUNDAY				
DAY 160	8-Oct-18	MONDAY				
DAY 161	09-Oct-18	TUESDAY	Gravitational potential energy: Derivation of gravitational potential energy			
DAY 162	10-Oct-18	WEDNESDAY	Escape speed: Definition and derivation of expression for escape speed from the principle of conservation of energy. Earth satellites: Derivation of orbital speed and time period of earth satellite			
DAY 163	11-Oct-18	THURSDAY	Geostationary and polar satellites, weightlessness			
DAY 164	12-Oct-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 165	13-Oct-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		

PHYSICS	I PUC	CODE	*DEPARTMENT OF P U EDUCATION*		*ACADEMIC PROGRAM FOR THE YEAR 2018-19*	
	CLASS	**33**	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	*PRACTICE SESSIONS*	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 166	14-Oct-18	SUNDAY				
DAY 167	15-Oct-18	MONDAY				
DAY 168	16-Oct-18	TUESDAY				
DAY 169	17-Oct-18	WEDNESDAY				
DAY 170	18-Oct-18	THURSDAY				
DAY 171	19-Oct-18	FRIDAY				
DAY 172	20-Oct-18	SATURDAY				
DAY 173	21-Oct-18	SUNDAY				MID TERM
DAY 174	22-Oct-18	MONDAY				TERM
DAY 175	23-Oct-18	TUESDAY				VACATION
DAY 176	24-Oct-18	WEDNESDAY				
DAY 177	25-Oct-18	THURSDAY				
DAY 178	26-Oct-18	FRIDAY				
DAY 179	27-Oct-18	SATURDAY				
DAY 180	28-Oct-18	SUNDAY				
DAY 181	29-Oct-18	MONDAY	UNIT-VII Chapter 9:MECHANICAL PROPERTIES OF SOLIDS Elasticity and plasticity -Elastic behavior of solids -Stress and strain -		Experiment 17) To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.	
DAY 182	30-Oct-18	TUESDAY	Hooke's law Stress-strain curve Elastic moduli			
DAY 183	31-Oct-18	WEDNESDAY	Determination of Young's modulus of the material of wire- shear modulus - bulk modulus			
DAY 184	1-Nov-18	THURSDAY				
DAY 185	02-Nov-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 186	3-Nov-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 187	04-Nov-18	SUNDAY				
DAY 188	5-Nov-18	MONDAY	Applications of elastic behaviour of materials			
DAY 189	06-Nov-18	TUESDAY				
DAY 190	7-Nov-18	WEDNESDAY	Chapter 10: MECHANICAL PROPERTIES OF FLUIDS : Pressure Pascal's law: variation of pressure with depth -			
DAY 191	08-Nov-18	THURSDAY				
DAY 192	9-Nov-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 193	10-Nov-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 194	11-Nov-18	SUNDAY				
DAY 195	12-Nov-18	MONDAY	atmospheric pressure and guage pressure -Hydraulic machines			
DAY 196	13-Nov-18	TUESDAY	Streamline flow: Equation of continuity - Turbulent flow –Criticalspeed. Bernoulli's principle: Statement - derivation of Bernoulli's equation -			
DAY 197	14-Nov-18	WEDNESDAY	speed of efflux: Torricelli's law- venturimeter- blood flow and heart attack - dynamic lift -Magnus effect- aerofoil			
DAY 198	15-Nov-18	THURSDAY	Viscosity: Definition and mention of expression for coefficient of viscosity.Stokes' law. Reynolds number: Mention of expression - Classification of nature of flow on the basis of Reynolds number			

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	33	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	PRACTICE SESSIONS	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 199	16-Nov-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 200	17-Nov-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 201	18-Nov-18	SUNDAY				
DAY 202	19-Nov-18	MONDAY	Surface tension: Surface energy and surface tension - Angle of contact - drops & bubbles- capillary rise - detergents & surface tension			
DAY 203	20-Nov-18	TUESDAY	Chapter11: THERMAL PROPERTIES OF MATTER - Introduction - Temperature and heat - measurement of temperature -Thermal expansion of solids: linear, area and volume expansion of solids			
DAY 204	21-Nov-18	WEDNESDAY				
DAY 205	22-Nov-18	THURSDAY	Thermal expansion of liquids: Anomalous expansion of water -Thermal expansion of gases: Derivation of $\alpha = 1/T$ for ideal gas.			
DAY 206	23-Nov-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 207	24-Nov-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 208	25-Nov-18	SUNDAY				
DAY 209	26-Nov-18	MONDAY				
DAY 210	27-Nov-18	TUESDAY	Specific heat capacity: Definition of heat capacity and specific heat capacity-Molar specific heat capacity at constant pressure and at constant volume.			
DAY 211	28-Nov-18	WEDNESDAY	Calorimetry - Change of state: melting, fusion, melting point,regelation- vaporisation - boiling point, sublimation			
DAY 212	29-Nov-18	THURSDAY	Latent heat: Latent heat of fusion and vaporisation.			
DAY 213	30-Nov-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 214	1-Dec-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 215	02-Dec-18	SUNDAY				
DAY 216	3-Dec-18	MONDAY	Heat transfer: Conduction and thermal conductivity - Convection: Sea breeze and land breeze - trade wind			
DAY 217	04-Dec-18	TUESDAY	Radiation: Newton's law of cooling - expression for time oif coling - verification of Newton's law of cooling			
DAY 218	5-Dec-18	WEDNESDAY	Revision			
DAY 219	06-Dec-18	THURSDAY				
DAY 220	7-Dec-18	FRIDAY				2 TEST
DAY 221	08-Dec-18	SATURDAY				
DAY 222	9-Dec-18	SUNDAY				
DAY 223	10-Dec-18	MONDAY	UNIT-VIII Chapter 12: THERMODYNAMICS - Introduction Thermal equilibrium – Zerothlaw of Thermodynamics: Statement and explanation.			

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	33	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	PRACTICE SESSIONS	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 224	11-Dec-18	TUESDAY	Heat, internal energy and work - First law of thermodynamics: Statement and explanation			
DAY 225	12-Dec-18	WEDNESDAY	specific heat capacity -specific heat capacity of water - thermodynamic state variables and equation of state			
DAY 226	13-Dec-18	THURSDAY	**Thermodynamic processes-** quasi-static process -isothermal process - adiabatic process - isochoric process - isobaric process -cyclic process			
DAY 227	14-Dec-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 228	15-Dec-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 229	16-Dec-18	SUNDAY				
DAY 230	17-Dec-18	MONDAY	Heat engines - refrigerators and heat pumps -			
DAY 231	18-Dec-18	TUESDAY	second law of thermodynamics - kelvin-Planck and Clausius statements Reversible and irriversible processes -			
DAY 232	19-Dec-18	WEDNESDAY	Carnot engine - derivation of expression for efficiency			
DAY 233	20-Dec-18	THURSDAY	Numerical problems			
DAY 234	21-Dec-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 235	22-Dec-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 236	23-Dec-18	SUNDAY				
DAY 237	24-Dec-18	MONDAY	UNIT-IX Chapter 13:KINETIC THEORY - Inttoduction - molecular nature of matter-Dalton's law -Gay Lussac's law - Avagadro law- mean free path			
DAY 238	25-Dec-18	TUESDAY				
DAY 239	26-Dec-18	WEDNESDAY	Behaviour of gases- Boyle's law - Charle's law - Dalton's law of partial pressures			
DAY 240	27-Dec-18	THURSDAY	Kinetic theory of an ideal gas- pressure of an ideal gas -derivation of expression for pressure			
DAY 241	28-Dec-18	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 242	29-Dec-18	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 243	30-Dec-18	SUNDAY				
DAY 244	31-Dec-18	MONDAY	kinetic interpretation of temperature- law of equipartition of energy			
DAY 245	01-Jan-19	TUESDAY	Specific heat capacity - monatomic gases-diatomic gases -polyatomic gases- ratio of specific heats (gamma)			
DAY 246	2-Jan-19	WEDNESDAY	specific heat capacity of solids - specific heat capacity of water - mean free path			
DAY 247	03-Jan-19	THURSDAY	Numerical Problems.			
DAY 248	4-Jan-19	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 249	05-Jan-19	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	**33**	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	**PRACTICE SESSIONS**	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 250	6-Jan-19	SUNDAY				
DAY 251	07-Jan-19	MONDAY	UNIT-X Chapter 14:OSCILLATIONS - introduction -Periodic and oscillatory motions-Period and Frequency- displacement			
DAY 252	8-Jan-19	TUESDAY	Simple harmonic motion: Definition, equation, graphical representation of displacement with time - phase			
DAY 253	09-Jan-19	WEDNESDAY	velocity and acceleration in simple harmonic motion - force law for simple harmonic motion			
DAY 254	10-Jan-19	THURSDAY	Energy in simple harmonic motion: Derivations of kinetic energy, potential energy and total energy.			2NDPUC PREPARATORY
DAY 255	11-Jan-19	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		EXAM
DAY 256	12-Jan-19	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 257	13-Jan-19	SUNDAY				
DAY 258	14-Jan-19	MONDAY	systems executing simple harmonic motion -Oscillations due to a spring- simple pendulum			
DAY 259	15-Jan-19	TUESDAY	Sankranthi			
DAY 260	16-Jan-19	WEDNESDAY	Damped simple harmonic motion- forced oscillations and resonance-			
DAY 261	17-Jan-19	THURSDAY	Numerical Problems			
DAY 262	18-Jan-19	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 263	19-Jan-19	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 264	20-Jan-19	SUNDAY				
DAY 265	21-Jan-19	MONDAY	Chapter 15:WAVES - introduction- transverse & longitudanal waves - displacement relation in a progressive wave			
DAY 266	22-Jan-19	TUESDAY	Amplitude and phase - Wavelength and angular wavenumber - Period, frequency and angular frequency			
DAY 267	23-Jan-19	WEDNESDAY	Speed of traveling wave - speed of transverse wave on a stretched string			
DAY 268	24-Jan-19	THURSDAY	Speed of a longitudinal wave(sound): Newton's formula and Laplace's correction			
DAY 269	25-Jan-19	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		
DAY 270	26-Jan-19	SATURDAY		**PRACTICE SESSION-2**: Solve numerical problems		
DAY 271	27-Jan-19	SUNDAY				
DAY 272	28-Jan-19	MONDAY	principle of superposition of waves -vibrations in stretched strings			
DAY 273	29-Jan-19	TUESDAY	vibrations in air columns - beats			
DAY 274	30-Jan-19	WEDNESDAY	Doppler effect - source mooving -observer moving - both source and observer moving			
DAY 275	31-Jan-19	THURSDAY	Numerical Problems			
DAY 276	1-Feb-19	FRIDAY		**PRACTICE SESSION -1**: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank		

PHYSICS	I PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19	
	CLASS	33	PUC (4 THEORY+2 PRACTICE HOURS A WEEK)	PRACTICE SESSIONS	PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH	
DAY	DATE	DAY				
DAY 277	02-Feb-19	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 278	3-Feb-19	SUNDAY				
DAY 279	04-Feb-19	MONDAY	Revision			
DAY 280	5-Feb-19	TUESDAY	Revision			
DAY 281	06-Feb-19	WEDNESDAY	Revision			
DAY 282	7-Feb-19	THURSDAY	Revision			
DAY 283	08-Feb-19	FRIDAY				
DAY 284	9-Feb-19	SATURDAY				
DAY 285	10-Feb-19	SUNDAY				
DAY 286	11-Feb-19	MONDAY				
DAY 287	12-Feb-19	TUESDAY				
DAY 288	13-Feb-19	WEDNESDAY				1PU ANNUAL EXAM
DAY 289	14-Feb-19	THURSDAY				
DAY 290	15-Feb-19	FRIDAY				
DAY 291	16-Feb-19	SATURDAY				
DAY 292	17-Feb-19	SUNDAY				
DAY 293	18-Feb-19	MONDAY				
DAY 294	19-Feb-19	TUESDAY				
DAY 295	20-Feb-19	WEDNESDAY				
DAY 296	21-Feb-19	THURSDAY				
DAY 297	22-Feb-19	FRIDAY				
DAY 298	23-Feb-19	SATURDAY				
DAY 299	24-Feb-19	SUNDAY				
DAY 300	25-Feb-19	MONDAY				
DAY 301	26-Feb-19	TUESDAY				
DAY 302	27-Feb-19	WEDNESDAY				
DAY 303	28-Feb-19	THURSDAY				
DAY 304	1-Mar-19	FRIDAY				
DAY 305	02-Mar-19	SATURDAY				
DAY 306	3-Mar-19	SUNDAY				
DAY 307	04-Mar-19	MONDAY	Mahashivarathri			
DAY 308	5-Mar-19	TUESDAY				
DAY 309	06-Mar-19	WEDNESDAY				
DAY 310	7-Mar-19	THURSDAY				
DAY 311	08-Mar-19	FRIDAY				
DAY 312	9-Mar-19	SATURDAY				
DAY 313	10-Mar-19	SUNDAY				
DAY 314	11-Mar-19	MONDAY				
DAY 315	12-Mar-19	TUESDAY				
DAY 316	13-Mar-19	WEDNESDAY				
DAY 317	14-Mar-19	THURSDAY				
DAY 318	15-Mar-19	FRIDAY				
DAY 319	16-Mar-19	SATURDAY				
DAY 320	17-Mar-19	SUNDAY				
DAY 321	18-Mar-19	MONDAY				
DAY 322	19-Mar-19	TUESDAY				
DAY 323	20-Mar-19	WEDNESDAY				