

Column1	Column2	Column3	Column4	Column42	Column5	Column6
PHYSICS	II 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	Chapter 1: ELECTRIC CHARGES AND FIELDS - Introduction Electric charge- conductors and insulators - charging by induction- basic properties of electric charges			
DAY 2	3-May-18	THURSDAY	Coulomb's law-force between multiple charges			
DAY 3	04-May-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experment 01 To Determine the resistance per unit length of given wire.	
DAY 4	5-May-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 5	06-May-18	SUNDAY				
DAY 6	7-May-18	MONDAY	Electric field- electric field due to system of charges			
DAY 7	08-May-18	TUESDAY	Physical significance of electric field -electric field lines and their properties -electric flux			
DAY 8	9-May-18	WEDNESDAY	electric dipole- field of an electric dipole(i) on the axis (ii) on the equatorial plane -			
DAY 9	10-May-18	THURSDAY	physical significance of dipoles- dipole in a uniform external field - derivation of expression for torque - continuous charge distribution			
DAY 10	11-May-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experment 02 To Determine the resistivity of given wire using meterbridge.	
DAY 11	12-May-18	SATURDAY	Election			
DAY 12	13-May-18	SUNDAY				
DAY 13	14-May-18	MONDAY	Gauss's law-application of Gauss law for finding field due to an infinitely long straight uniformly charged wire			
DAY 14	15-May-18	TUESDAY	Field due to uniformly charged infinite plane sheet - uniformly charged thin spherical shell using Gauss law			
DAY 15	16-May-18	WEDNESDAY	Numerical problems			
DAY 16	17-May-18	THURSDAY	Chapter-2:-ELECTROSTATIC POTENTIAL AND CAPACITANCE - Introduction - electrostatic potential -potential due to a point charge			
DAY 17	18-May-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experment 03To verify the laws of combination (series/parallel) of resistances using a metre bridge.	
DAY 18	19-May-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 19	20-May-18	SUNDAY				
DAY 20	21-May-18	MONDAY	potential due to an electric dipole -potential due to a system of charges			
DAY 21	22-May-18	TUESDAY	Equipotential surfaces- potential energy of a system of charges - potential energy in an external field -potential energy of a system of two charges in an external field			
DAY 22	23-May-18	WEDNESDAY	potential energy of a dipole in an external field - electrostatics of conductors - electrostatic sheilding			
DAY 23	24-May-18	THURSDAY	Dielectrics and polarisation - capacitors and capacitance			
DAY 24	25-May-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:4) To compare the emfs of two given primary cells using potentiometer.	
DAY 25	26-May-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems		
DAY 26	27-May-18	SUNDAY				
DAY 27	28-May-18	MONDAY	The parallel plate capacitor- effect of dielectric on capacitance			

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DAY	DATE	DAY			
DAY 28	29-May-18	TUESDAY	combination of capacitors - series and parallel-energy stored in a capacitor		
DAY 29	30-May-18	WEDNESDAY	Van De Graaff generator		
DAY 30	31-May-18	THURSDAY	Numerical problems		
DAY 31	01-Jun-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:5) To determine the internal resistance of given primary cell using potentiometer.
DAY 32	2-Jun-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 33	03-Jun-18	SUNDAY			
DAY 34	4-Jun-18	MONDAY	CHAPTER -3 CURRENT ELECTRICITY - Introduction - electric current - electric currents in conductors		
DAY 35	05-Jun-18	TUESDAY	Ohm's law -drift of electrons and the origin of resistivity -mobility -		
DAY 36	6-Jun-18	WEDNESDAY	limitations of ohm's law - resistivity of various materials -colour code -		
DAY 37	07-Jun-18	THURSDAY	temperature dependance of resisitivity - electrical energy- power -		
DAY 38	8-Jun-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:6) To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.
DAY 39	09-Jun-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 40	10-Jun-18	SUNDAY			
DAY 41	11-Jun-18	MONDAY	combination of resistors - series and parallel		
DAY 42	12-Jun-18	TUESDAY	cells-emf - internal resistance		
DAY 43	13-Jun-18	WEDNESDAY	cells in series and parallel		
DAY 44	14-Jun-18	THURSDAY	Kirchhoff's rules -wheatstone's bridge		
DAY 45	15-Jun-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment: 7) To convert the given galvanometer (of known resistance of figure of merit) into an ammeter and voltmeter of desired range and to verify the same.
DAY 46	16-Jun-18	SATURDAY	RAMZAN		
DAY 47	17-Jun-18	SUNDAY			
DAY 48	18-Jun-18	MONDAY	meter bridge - potentiometer		
DAY 49	19-Jun-18	TUESDAY	Numerical problems		
DAY 50	20-Jun-18	WEDNESDAY	Numerical problems		
DAY 51	21-Jun-18	THURSDAY	Chapter 4: MOVING CHARGES AND MAGNETISM -Introduction magnetic force-magnetic field - Lorentz force - Derivation of magnetic force on a current carrying conductor		
DAY 52	22-Jun-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment: 8) To find the frequency of the ac mains with a sonometer.
DAY 53	23-Jun-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 54	24-Jun-18	SUNDAY			
DAY 55	25-Jun-18	MONDAY	Motion of a charge in a uniform magnetic field: Nature of trajectories - Derivation of radius and angular frequency of circular motion of a charge in uniform magnetic field. Velocity selector: Crossed electric and magnetic fields serve as velocity selector.		
DAY 56	26-Jun-18	TUESDAY	Cyclotron: Principle, construction, working and uses. Biot–Savart law: Statement, explanation and expression in vector form		

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DAY	DATE	DAY			
DAY 57	27-Jun-18	WEDNESDAY	magnetic field on the axis of a circular current loop - Right hand thumb rule to find direction.		
DAY 58	28-Jun-18	THURSDAY	Ampere's circuital law: Statement and explanation - Application of Ampere's circuital law to derive the magnetic field due to an infinitely long straight current carrying wire: Solenoid and toroid		
DAY 59	29-Jun-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment: 9) To find the value of v for different values of u in case of a concave mirror and to find the focal length.
DAY 60	30-Jun-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 61	01-Jul-18	SUNDAY			
DAY 62	2-Jul-18	MONDAY	force between two parallel currents- Definition of ampere- torque on a rectangular current loop in a uniform magnetic field --circular current loop as a magnetic dipole		
DAY 63	03-Jul-18	TUESDAY	magnetic dipole moment of a revolving electron in a hydrogen atom and to obtain the value of Bohr magneton.		
DAY 64	4-Jul-18	WEDNESDAY	Moving coil galvanometer: Definitions of current sensitivity and voltage sensitivity -to increase voltage and current sensitivity		
DAY 65	05-Jul-18	THURSDAY			
DAY 66	6-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment: 10) To find the focal length of a convex mirror, using a convex lens.
DAY 67	07-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 68	8-Jul-18	SUNDAY			
DAY 69	09-Jul-18	MONDAY	Conversion of galvanometer to ammeter and voltmeter,		
DAY 70	10-Jul-18	TUESDAY	Numerical Problems.		
DAY 71	11-Jul-18	WEDNESDAY	Chapter 5: MAGNETISM AND MATTER Introduction - Bar magnet: Properties of magnetic field lines - Bar magnet as an equivalent solenoid with derivation		
DAY 72	12-Jul-18	THURSDAY	Dipole in a uniform magnetic field -time period of oscillation of small compass needle in a uniform magnetic field -magnetic potential energy -		
DAY 73	13-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:11) To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and1/v.
DAY 74	14-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 75	15-Jul-18	SUNDAY			
DAY 76	16-Jul-18	MONDAY	the electrostatic analog - Gauss's law in magnetism: Statement and explanation.		
DAY 77	17-Jul-18	TUESDAY	Earth's magnetism - magnetic declination & Dip		
DAY 78	18-Jul-18	WEDNESDAY	magnetisation and magnetic intensity		
DAY 79	19-Jul-18	THURSDAY			
DAY 80	20-Jul-18	FRIDAY			
DAY 81	21-Jul-18	SATURDAY			1 TEST
DAY 82	22-Jul-18	SUNDAY			
DAY 83	23-Jul-18	MONDAY	Magnetic properties of materials: diamagnetism - paramagnetism - ferromagnetism		
DAY 84	24-Jul-18	TUESDAY	permanent magnets and electromagnets		

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DAY 85	25-Jul-18	WEDNESDAY	Chapter 6: ELECTROMAGNETIC INDUCTION - introduction - Experiments of Faraday and Henry -Faraday's law of electromagnetic induction: Statement and explanation -		
DAY 86	26-Jul-18	THURSDAY	Lenz's law and conservation of energy. Motional electromotive force - energy consideration : a quantitative study - eddy currents		
DAY 87	27-Jul-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:12) To find the focal length of a concave lens, using a convex lens.
DAY 88	28-Jul-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 89	29-Jul-18	SUNDAY			
DAY 90	30-Jul-18	MONDAY	Inductance - mutual inductance -self inductance		
DAY 91	31-Jul-18	TUESDAY	AC generator		
DAY 92	1-Aug-18	WEDNESDAY	numerical problems		
DAY 93	02-Aug-18	THURSDAY	numerical problems		
DAY 94	3-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment: 13) To determine angle of minimum deviation for a given prism by plotting a graph between the angle of incidence and the angle of deviation
DAY 95	04-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 96	5-Aug-18	SUNDAY			
DAY 97	06-Aug-18	MONDAY	Chapter 7: ALTERNATING CURRENT - introduction - AC voltage applied to a resistor - representation of AC current and voltage by rotating vectors - phasors		
DAY 98	7-Aug-18	TUESDAY	AC voltage applied to an inductor -		
DAY 99	08-Aug-18	WEDNESDAY	AC voltage applies to a capacitor		
DAY 100	9-Aug-18	THURSDAY	AC voltage applied to a series LCR circuits - phasor diagram solution - analytical solution		
DAY 101	10-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:14) To determine refractive index of a glass slab using a travelling microscope.
DAY 102	11-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 103	12-Aug-18	SUNDAY			
DAY 104	13-Aug-18	MONDAY	Resonance - sharpness of resonance		
DAY 105	14-Aug-18	TUESDAY	Power in AC circuit - the power factor -LC oscillations		
DAY 106	15-Aug-18	WEDNESDAY	INDEPENDENCE DAY		
DAY 107	16-Aug-18	THURSDAY	Transformers		
DAY 108	17-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:15) To find refractive index of a liquid by using (i) concave mirror, (ii) convex lens and plane mirror.
DAY 109	18-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 110	19-Aug-18	SUNDAY			
DAY 111	20-Aug-18	MONDAY	Numerical problems		
DAY 112	21-Aug-18	TUESDAY	Chapter 8: ELECTROMAGNETIC WAVES - introduction - Displacement current - Ampere Maxwell law		
DAY 113	22-Aug-18	WEDNESDAY	BAKRID		
DAY 114	23-Aug-18	THURSDAY	Electromagnetic waves - sources of electromagnetic waves - nature of electromagnetic waves -electromagnetic spectrum		

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DAY 115	24-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:16) To draw the I-V characteristics curves of a p-n junction in forward bias and reverse bias.
DAY 116	25-Aug-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 117	26-Aug-18	SUNDAY			
DAY 118	27-Aug-18	MONDAY	Chapter- IX - RAY OPTICS AND OPTICAL INSTRUMENTS -introduction - reflection of light by spherical mirrors - sign convention focal length of spherical mirrors		
DAY 119	28-Aug-18	TUESDAY	the mirror equation - refraction- total internal reflection - total internal reflection in nature and its technological applications		
DAY 120	29-Aug-18	WEDNESDAY	Refraction at a spherical surface -		
DAY 121	30-Aug-18	THURSDAY	Refraction by lens- power of a lens - combination of thin lenses in contact		
DAY 122	31-Aug-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:17) To draw the characteristics curve of a Zener diode and to determine its reverse break down voltage.
DAY 123	01-Sep-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 124	2-Sep-18	SUNDAY			
DAY 125	03-Sep-18	MONDAY	Refraction through a prism - dispersion by a prism		
DAY 126	4-Sep-18	TUESDAY	some natural phenomena due to sun light- the rainbow -scattering of light		
DAY 127	05-Sep-18	WEDNESDAY	optical instruments - the eye- the microscope		
DAY 128	6-Sep-18	THURSDAY	Telescope - numerical problems		
DAY 129	07-Sep-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	Experiment:18) To study the characteristics of a common-emitter npn or pnp transistor and to find out the values of current and voltage gains.
DAY 130	8-Sep-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
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	GANESH CHATURTHI		
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	LAST DAY OF MOHARRUM		
DAY 144	22-Sep-18	SATURDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	
DAY 145	23-Sep-18	SUNDAY			
DAY 146	24-Sep-18	MONDAY	CHAPTER-10 WAVE OPTICS - introduction - Huygens principle - Refraction of a plane wave -		
DAY 147	25-Sep-18	TUESDAY	refraction at a rarer medium -reflection of a plane wave by a plane surface - the doppler effect		

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DAY	DATE	DAY			
DAY 148	26-Sep-18	WEDNESDAY	coherent and incoherent addition of waves -interference of light waves and Young's experiment -		
DAY 149	27-Sep-18	THURSDAY	Diffraction - the single slit -seeing the single slit diffraction pattern -		
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	Resolving power of optical instruments -the validity of ray optics		
DAY 154	2-Oct-18	TUESDAY	MAHATHMA GANDHI JAYANTHI		
DAY 155	03-Oct-18	WEDNESDAY	Polarisation - Malus' law - polarisation by scattering		
DAY 156	4-Oct-18	THURSDAY	polarisation by reflection		
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	MAHALAYA AMMAVASYA		
DAY 161	09-Oct-18	TUESDAY	numerical problems		
DAY 162	10-Oct-18	WEDNESDAY	CHAPTER-11 DUAL NATURE OF RADIATION & MATTER - introduction - electron emission - photo electric effect - Hertz observations		
DAY 163	11-Oct-18	THURSDAY	Hallwachs' and Lenard's observations- experimental study of photo electric effect - effect of intensity of light on photo current - effect of potential on photoelectric current		
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	
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	MAHANAVAMI		
DAY 171	19-Oct-18	FRIDAY	VIJAYADASHMI		
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	VALMIKI JAYANTHI		
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	effect of frequency of incident radiation on stopping potential - photoelectric effect and wave theory of light		
DAY 182	30-Oct-18	TUESDAY	Einstein's photoelectric equation; energy quantum of radiation - particle nature of light : the photon		
DAY 183	31-Oct-18	WEDNESDAY	wave nature of matter-Davisson and Germer experiment		

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DAY	DATE	DAY			
DAY 184	1-Nov-18	THURSDAY	KANNADA RAJYOTHSAVA		
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	Numerical problems		
DAY 189	06-Nov-18	TUESDAY	NARAKA CHATURDASHI		
DAY 190	7-Nov-18	WEDNESDAY	CHAPTER -12 - ATOMS : Introduction - alpha -particle scattering and Rutherford's nuclear model of atom -		
DAY 191	08-Nov-18	THURSDAY	BALIPADYAMI DEEPAWALI		
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	Alpha particle trajectory - electron orbits - expression for total energy		
DAY 196	13-Nov-18	TUESDAY	atomic spectra - spectral series - Bohr model of the hydrogen atom		
DAY 197	14-Nov-18	WEDNESDAY	Bohr model of the hydrogen atom continued- energy levels - the line spectra of the hydrogen atom		
DAY 198	15-Nov-18	THURSDAY	De-Broglie's explanation of Bohr's second postulate of quantisation - limitations of Bohr's model - numerical problems		
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	CHAPTER-13 -NUCLEI-Introduction -atomic masses and composition of nucleus -size of the nucleus		
DAY 203	20-Nov-18	TUESDAY	Mass - energy and nuclear binding energy - binding energy curve		
DAY 204	21-Nov-18	WEDNESDAY	EID MILAD		
DAY 205	22-Nov-18	THURSDAY	Nuclear force -radioactivity - law of radioactive decay		
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	KANAKLDAS JAYANTHI		
DAY 210	27-Nov-18	TUESDAY	Alpha decay - beta decay - gamma decay		
DAY 211	28-Nov-18	WEDNESDAY	Nuclear energy - fission - nuclear reactor		
DAY 212	29-Nov-18	THURSDAY	Nuclear fusion - energy generation in stars - controlled thermonuclear fusion		
DAY 213	30-Nov-18	FRIDAY		PRACTICE SESSION -1: Practice 1mark, 2mark ,3 mark and 5 mark questions from question bank	

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DAY 214	1-Dec-18	SATURDAY		PRACTICE SESSION-2: Solve numerical problems	
DAY 215	02-Dec-18	SUNDAY			
DAY 216	3-Dec-18	MONDAY	Numerical problems		
DAY 217	04-Dec-18	TUESDAY	CHAPTER-14 -SEMICONDUCTOR ELECTRONICS; MATERIALS, DEVICES AND SIMPLE CIRCUITS- introduction - classification of metals, conductors and semi conductors		
DAY 218	5-Dec-18	WEDNESDAY	Intrinsic semiconductors - extrinsic semiconductors -p-n junction-formation- p-n junction diode under forward bias and reverse bias		
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	application of junction diode as a rectifier - half wave rectifier and full-wave rectifier		
DAY 224	11-Dec-18	TUESDAY	zener diode- zener diode as a voltage regulator		
DAY 225	12-Dec-18	WEDNESDAY	optoelectronic junction devices - photo diode -light emitting diode - solar cell		
DAY 226	13-Dec-18	THURSDAY	junction transistor - transistor structure and action -		
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	Basic transistor circuit configurations and transistor characteristics - common emitter characteristics - input resistance - output resistance-current amplification factor		
DAY 231	18-Dec-18	TUESDAY	Transistor as a device- transistor as a switch - transistor as an amplifier (CE- configuration)		
DAY 232	19-Dec-18	WEDNESDAY	Feedback amplifier and transistor oscillator		
DAY 233	20-Dec-18	THURSDAY	Digital electronics and logic gates		
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 or theoretical problems	
DAY 236	23-Dec-18	SUNDAY			
DAY 237	24-Dec-18	MONDAY	integrated circuits - problems		
DAY 238	25-Dec-18	TUESDAY	CHRISTMAS		
DAY 239	26-Dec-18	WEDNESDAY	CHAPTER- 15 - COMMUNICATION SYSTEM - introduction - elements of communication system - basic terminology used in electronic communication systems		
DAY 240	27-Dec-18	THURSDAY	Bandwidth of signals - bandwidth of transmission medium - propagation of electromagnetic waves - ground waves - sky waves - space waves		
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 or theoretical problems	
DAY 243	30-Dec-18	SUNDAY			

PHYSICS	II PUC	CODE	DEPARTMENT OF P U EDUCATION		ACADEMIC PROGRAM FOR THE YEAR 2018-19
	CLASS	33	<i>PUC (4 THEORY+2 PRACTICE HOURS A WEEK)</i>	PRACTICE SESSIONS	<i>PRACTICALS (1 CLASS OF 2 HOURS DURATION PER WEEK PER BATCH)</i>
DAY	DATE	DAY			
DAY 244	31-Dec-18	MONDAY	Modulation and its necessity - size of the antenna or aerial - effective power radiated by an antenna- mixing of signals from different transmitters -		
DAY 245	01-Jan-19	TUESDAY	Amplitude modulation - production of amplitude modulated wave - detection of amplitude modulated wave		
DAY 246	2-Jan-19	WEDNESDAY			
DAY 247	03-Jan-19	THURSDAY	Revision		
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	
DAY 250	6-Jan-19	SUNDAY			
DAY 251	07-Jan-19	MONDAY			
DAY 252	8-Jan-19	TUESDAY			
DAY 253	09-Jan-19	WEDNESDAY			
DAY 254	10-Jan-19	THURSDAY			
DAY 255	11-Jan-19	FRIDAY			2NDPUC PREPARATORY EXAM
DAY 256	12-Jan-19	SATURDAY			
DAY 257	13-Jan-19	SUNDAY			
DAY 258	14-Jan-19	MONDAY			
DAY 259	15-Jan-19	TUESDAY			
DAY 260	16-Jan-19	WEDNESDAY			
DAY 261	17-Jan-19	THURSDAY			
DAY 262	18-Jan-19	FRIDAY			
DAY 263	19-Jan-19	SATURDAY			
DAY 264	20-Jan-19	SUNDAY			
DAY 265	21-Jan-19	MONDAY			
DAY 266	22-Jan-19	TUESDAY			
DAY 267	23-Jan-19	WEDNESDAY			
DAY 268	24-Jan-19	THURSDAY			
DAY 269	25-Jan-19	FRIDAY			
DAY 270	26-Jan-19	SATURDAY			
DAY 271	27-Jan-19	SUNDAY			
DAY 272	28-Jan-19	MONDAY			
DAY 273	29-Jan-19	TUESDAY			
DAY 274	30-Jan-19	WEDNESDAY			
DAY 275	31-Jan-19	THURSDAY			
DAY 276	1-Feb-19	FRIDAY			
DAY 277	02-Feb-19	SATURDAY			
DAY 278	3-Feb-19	SUNDAY			
DAY 279	04-Feb-19	MONDAY			
DAY 280	5-Feb-19	TUESDAY			
DAY 281	06-Feb-19	WEDNESDAY			
DAY 282	7-Feb-19	THURSDAY			
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			

