

PACE MEDICAL TRACK SHEET 2018 - 20

BOTANY				ZOOLOGY				PHYSICS				CHEMISTRY				
TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	TOPIC (Track - 1)	TOPIC (Track - 2)	CODE	NO. OF HOURS	
THE LIVING WORLD		LW	6	STRUCTURAL ORG- TISSUES		TIS	14	VECTORS		VE	14	ATOMIC STRUCTURE		AS	24	
BIOLOGICAL CLASSIFICATION		BOC	15					KINEMATICS - I		KM1	14	MOLE CONCEPT		MC	24	
								CALCULUS FOR PHYSICS		CP	14					
								DIMENSION ANALYSIS AND ERRORS		DA	6					
SUMMER VACATIONS (TILL 15TH JULY 2018) Segregation Test (16,17 July 2018)																
PLANT KINGDOM		PK	15	STRUCTURAL ORG- COCKROACH		COC	9	KINEMATICS - II		KM2	14	PERIODIC TABLE		PT	12	
CELL- A UNIT OF LIFE		CL	15	ANIMAL KINGDOM		AK	24	LAWS OF MOTION / FRICTION		LOM	24	GASEOUS STATE		GS	24	
								CIRCULAR MOTION		CM	10	CHEMICAL BONDING		CB	21	
								WORK POWER ENERGY		WPE	12					
MT 1 (6, 7 OCT 18) - 12 WEEKS (1 week unit test in sept)																
Chemistry 2nd track STARTS (8 Oct 2018)																
CELL DIVISION AND CELL CYCLE		CD	9	BIOMOLECULES		BM	16	CENTRE OF MASS & COLLISIONS		COM	24	ENERGETICS		TH	22	
MORPHOLOGY OF PLANTS		MOR	24	DIGESTION AND ABSORPTION		DIG	12	ROTATIONAL DYNAMICS		RT	24	IUPAC NAMING		NM	10	
DIWALI VACATIONS (4 NOV - 11 NOV 2018)																
ANATOMY OF FLOWERING PLANTS		ANT	16	BREATHING/ RESPIRATION		RES	10	SIMPLE HARMONIC MOTION-1		SHM	12	CHEMICAL EQUILIBRIUM-1		CE	8	
												GOC		GOC	26	
MT 2 (29, 30 DEC 18) - 12 WEEKS (till diwali - 4 weeks, after diwali - 7 weeks, 1 week terminal exam)																
Maths & Physics 2nd track STARTS (1 Jan 2019)																
PLANT GROWTH- DEVELOPMENT		PGD	12	BODY FLUIDS AND CIRCULATION		CIR	12	SIMPLE HARMONIC MOTION-2		SHM	6	CHEMICAL EQUILIBRIUM-2		CE	4	
TRANSPORT IN PLANTS		TP	15	EXCRETORY PRODUCTS		EXC	12	GRAVITATION		GR	14	IONIC EQUILIBRIUM		IE	22	
MINERAL NUTRITION		MN	9	LOCOMOTION AND MOVEMENT		LOM	12	ELECTROSTATISTICS		ES	14	VOLUMETRIC		VA	14	
												ISOMERISM		IM	26	
								RAY OPTICS		RO	21	REACTION MECHANISM-1		RM	10	
								FLUID MECHANICS		FL	12					
MT 3 (16, 17 MAR 19) - 11 WEEKS (1 week terminal exam)																
PHOTOSYNTHESIS		PHO	12	NEURAL CONTROL		NER	22	CAPACITOR		ES	9	CHEMICAL KINETICS		CK	12	
RESPIRATION IN PLANTS		RIP	12	CHEMICAL CO-ORDINATION		HOR	14	CURRENT ELECTRICITY		CE	12	ELECTROCHEMISTRY		EC	20	
								MAGNETISM		MG	18	SURFACE & NUCLEAR CHEMISTRY		SC	6	
												REACTION MECHANISM-2		RM	16	
								MECHANICAL PROPERTIES		POM	10	HYDROCARBONS		HC	20	
								HEAT & THERMODYNAMICS		HT	24	AROMATIC HC		AHC	12	
MT 4 (15, 16 JUN 19) - 14 WEEKS (VACATIONS : 10 MAY - 19 MAY FOR INTEGRATED BATCHES)																
REPRODUCTION IN ORGANISMS		RIO	4	HUMAN REPRODUCTION		REP	22	ELECTRO MAGNETIC INDUCTION		EMI	16	SOLID STATE		SS	8	
SEXUAL REPRODUCTION		SRIA	14	REPRODUCTIVE HEALTH		RH	6	ALTERNATIVE CURRENTS		AC	6	SOLUTIONS		LS	8	
MOLECULAR BASIS OF INHERITANCE		MBI	24	EVOLUTION		EVO	16					COORDINATION COMPOUNDS		CC	12	
PRINCIPLES OF INHERITANCE		PIV	24									TRANSVERSE WAVES		TW	12	
												SOUND WAVES		SW	8	
												S-BLOCK ELEMENTS		SB	6	
														ALKYL & ARYL HALIDES	AH	12
														ALCOHOL, ETHER & PHENOL	AEP	14
MT 5 (10, 11 AUG 19) - 8 WEEKS																
MICROBES IN HUMAN WELFARE		MhW	6	HUMAN HEALTH AND DISEASES		HHD	20	MODERN PHYSICS		MP	12	P-BLOCK ELEMENTS		PB	16	
ENHANCEMENT IN FOOD PRODUCTION		EIF	6	BIOTECHNOLOGY: PRINCIPLES		BTP	10					SALT ANALYSIS		SA	16	
ORGANISMS AND POPULATION		OP	8	BIOTECHNOLOGY: APPLICATIONS		BTA	6					METALLURGY		MT	6	
ECOSYSTEM		ECO	6	ANIMAL HUSBANDRY		AH	4					D and F BLOCK ELEMENTS		DFB	3	
BIODIVERSITY		BDC	6											ALDEHYDE & KETONES	AK	20
ENVIRONMENTAL ISSUES		EI	9											CARBOXYLIC ACID	CA	6
														AMINES	AM	6
														BIOMOLECULES, POLYMERS & POC	BM	12
MT6 (19,20 OCT 19) - 10 WEEKS																