

ENGINEERING TRACK SHEET 2018 - 20

MATHEMATICS				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
TRIGONOMETRIC RATIO		TR	24	VECTORS		VE	14	ATOMIC STRUCTURE		AS	24
QUADRATIC EQUATION		QE	24	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)											
INEQUATIONS AND LOGARITHMS		IN	14	KINEMATICS - II		KM2	14	PERIODIC TABLE		PT	12
TRIGONOMETRIC EQUATION		TE	10	LAWS OF MOTION / FRICTION		LOM	24	GASEOUS STATE		GS	24
SEQUENCE & SERIES		SS	18	CIRCULAR MOTION		CM	10	CHEMICAL BONDING		CB	21
PERMUTATION & COMBINATION		PC	20	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)											
BINOMIAL THEOREM		BT	18	CENTRE OF MASS & COLLISIONS		COM	24	ENERGETICS (FULL THERMO)		TH	22
PROBABILITY		PB	18	HEAT AND THERMODYNAMICS		HT	24	IUPAC NAMING		NM	10
DIWALI VACATIONS (4 NOV - 11 NOV 2018)											
STRAIGHT LINE including POSL		SL	24	ROTATIONAL DYNAMICS -1		RT	10	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)											
	FUNCTIONS	FN	20	ROTATIONAL DYNAMICS-2		RT	14	CHEMICAL EQUILIBRIUM-2		CE	4
	LIMIT	LM	12	GRAVITATION		GR	14	IONIC EQUILIBRIUM		IE	22
CIRCLE		CR	18		FLUID MECHANICS	FL	12	VOLUMETRIC		VA	14
PARABOLA		PB	16		MECHANICAL PROPERTIES	POM	10	ISOMERISM		IM	26
					SIMPLE HARMONIC MOTION-1	SHM	10	REACTION MECHANISM-1		RM	10
MT 3 (9, 10 MAR 19) - 10 WEEKS											
ELLIPSE		EL	12	ELECTROSTATISTICS & CAPACITOR		ES	24	CHEMICAL KINETICS		CK	12
HYPERBOLA		HB	9	CURRENT ELECTRICITY		CE	12	ELECTROCHEMISTRY		EC	20
COMPLEX NUMBERS		CN	22	MAGNETISM-1		MG	8	SURFACE & NUCLEAR CHEMISTRY		SC	6
	CONTINUITY	CT	9		SIMPLE HARMONIC MOTION-2	SHM	8	REACTION MECHANISM-2		RM	16
	DIFFERENTIABILITY	DF	6		RAY OPTICS	RO	21	HYDROCARBONS		HC	20
	METHOD OF DIFFERENTIATION	MOD	8		TRANSVERSE WAVES	TW	12	AROMATIC HC		AHC	12
	APPLICATION OF DERIVATIVES	AOD	22								
MT 4 (15, 16 JUN 19) - 14 WEEKS (1 week terminal exam) (VACATIONS : 12 MAY - 19 MAY FOR INTEGRATED BATCHES)											
	INDEFINITE INTEGRAL	INT	12	MAGNETISM-2		MG	10	SOLID STATE		SS	8
	DEFINITE INTEGRAL	DI	9	ELECTRO MAGNETIC INDUCTION		EMI	16	SOLUTIONS		LS	8
	AREA UNDER CURVE	AUC	6		SOUND WAVES	SW	8	COORDINATION COMPOUNDS		CC	12
VECTORS		VT	12		WAVE OPTICS	WO	10	S-BLOCK ELEMENTS		SB	6
3 D		3D	10		MODERN PHYSICS	MP	12	ALKYL & ARYL HALIDES		AH	12
Determinants		DT	6					ALCOHOL, ETHER & PHENOL		AEP	14
MT 5 (10, 11 AUG 19) - 8 WEEKS											
MATRICES		MT	12	ALTERNATIVE CURRENTS		AC	6	P-BLOCK ELEMENTS		PB	16
SOLUTION OF TRIANGLE		SOT	6	JEE mains topics			16	SALT ANALYSIS		SA	16
	DIFFERENTIAL EQUATION	DE	8					METALLURGY		MT	6
	Inverse Trigonometric Functions	ITF	8					D and F BLOCK ELEMENTS		DFB	3
	MAINS topics		14					ALDEHYDE & KETONES		AK	20
								CARBOXYLIC ACID		CA	6
								AMINES		AM	6
								BIOMOLECULES, POLYMERS & POC		BM	12
MT6 (19,20 OCT 19) - 10 WEEKS											