



JEE MAIN 7th Jan Shift 2 Detailed Paper Analysis

Duration: 3 Hours | Max. marks: 300 | Paper mode: CBT
Analysed from Memory Based Questions

N.K.Gupta Sir

IIT Kanpur

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Vice President
& Academic Head

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2 Lakh Students

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IIT Bombay, CS

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PHYSICS

Chapter Name	7-Jan-2020 (Shift -2)	Level	Chapter Name	7-Jan-2020 (Shift -2)	Level
U & D	1	E	Fluid Mechanics	1	E
Vectors	1	M	Physical World		
Kinematics-1D			Electrostatics		
Kinematics-2D			Current Elec.	1,1	E,M
NLM	1	E	Capacitance	1	E
Friction			MEC	1,1	M,E
Circular motion			Magnetism	1	E
WPE	1	E	EMI	1,1	E,T
Center of Mass			AC		
Rotational Mech.	1,1	M,M	Atomic Structure		
Gravitation	1	E	Dual Nature	1	E
SHM			Nuclear physics		
Calorimetry	1	E	Radioactivity	1	M
Elasticity			Ray Optics	1	T
Thermal Exp.			EM Waves		
Heat transfer			Wave Optics	1	E
KTG			Errors		
Thermodynamics	1,1	T,E	Semiconductor	1	E
Wave on string			Comm. System		
Sound waves	1	E			



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CHEMISTRY

Chapter Name	7-Jan-2020 (Shift -2)	Level	Chapter Name	7-Jan-2020 (Shift -2)	Level
General Chemistry			p-Block Elements		
Atomic Structure			Metallurgy	1	E
States of Matter	1	M	d & f Block		
Thermodynamics			Coordination Compounds	1,1	M,M
Chemical Equilibrium			Salt Analysis		
Redox Reaction	1,1,1	M,E,T	IUPAC		
Ionic Equilibrium	1	T	GOC		
Mole Concept	1	M	Isomerism		
Thermochemistry	1	M	Hydrocarbons	1	T
The Solid State			Environmental Chemistry		
Liquid Solution	1	M	Optical Isomerism		
Chemical Kinetics			Halogen Derivative	1	M
Nuclear Chemistry			Alcohol, Phenol, Ether		
Radioactivity			Aldehydes, Ketones		
Electro Chemistry	1	E	Carboxylic Acids & Amines	1,1	T,M
Surface Chemistry	1	M	Biomolecules	1,1	M,M
Periodic Table	1	M	Polymers		
Chemical Bonding	1	M	Oxidation Reduction		
Hydrogen	1	M	Chem. In Everyday Life		
s-Block Elements					



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MATHS

Chapter Name	7-Jan-2020 (Shift -2)	Level	Chapter Name	7-Jan-2020 (Shift -2)	Level
Logarithm			Sets	1	E
Trigo Ratios & Identities			Relation		
Quadratic Equation	1	M	Function		
Sequence & Series	1,1	E,E	ITF		
Trigo Equation			Limit		
Solution of Triangles			Continuity	1	E
Height and Distances			Differentiability		
Point			MOD (Diff.)	1	E
Straight Line	1	E	AOD	1,1	E,E
Circle	1	E	Indef. Integration		
Parabola			Def. Integration	1,1	E,E
Ellipse	1	E	Area Under Curve	1	E
Hyperbola			Differential Eqn.	1	E
P & C			Matrices	1	E
Binomial Theorem	1,1	E,E	Determinant	1	E
Complex Number	1	E	Vectors	1	E
Statistics	1	E	3-Dimensional	1	E
PMI			Probability	1	E
MR	1	M	LPP		



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