



JEE MAIN 7th Jan Shift 1 Detailed Paper Analysis

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

N.K.Gupta Sir

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PHYSICS

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



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CHEMISTRY

Chapter Name	7-Jan-2020 (Shift -1)	Level
General Chemistry	1	E
Atomic Structure	1	M
States of Matter		
Thermodynamics	1	M
Chemical Equilibrium		
Redox Reaction	1,1	M,M
Ionic Equilibrium	1,1	M,M
Mole Concept		
Thermochemistry		
The Solid State		
Liquid Solution	1	M
Chemical Kinetics		
Nuclear Chemistry		
Radioactivity	1	M
Electro Chemistry	1	M
Surface Chemistry		
Periodic Table	1	E
Chemical Bonding	1,1,1	E,E,M
Hydrogen	1	E
s-Block Elements		

Chapter Name	7-Jan-2020 (Shift -1)	Level
p-Block Elements		
Metallurgy	1	E
d & f Block	1	E
Coordination Compounds	1	M
Salt Analysis		
IUPAC		
GOC		
Isomerism		
Hydrocarbons		
Environmental Chemistry		
Optical Isomerism	1	M
Halogen Derivative	1,1	M,M
Alcohol, Phenol, Ether		
Aldehydes, Ketones	1	T
Carboxylic Acids & Amines	1,1	M,T
Biomolecules	1	M
Polymers		
Oxidation Reduction		
Chem. In Everyday Life		



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MATHS

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



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