



# Trend Analysis for JEE Main

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**TREND ANALYSIS JEE MAIN 2020 PHASE-1 (PHYSICS)**

Chap. No.	Chapter Name	Exam Date And Shift (Morning/Evening)					
		7 JAN(M)	7 JAN(E)	8 JAN(M)	8 JAN(E)	9 JAN(M)	9 JAN(E)
1	Physical World, Units and Measurements	0	1	1	1	2	1
2	Motion in a Straight Line	0	0	0	1	1	0
3	Motion in a Plane	0	1	0	1	0	1
4	Laws of Motion	0	1	1	0	0	0
5	Work, Energy and Power	2	1	2	1	3	1
6	System of Particles and Rotational Motion	3	2	3	2	2	3
7	Gravitation	1	1	0	1	0	1
8	Mechanical Properties of Solids	0	0	0	0	1	1
9	Mechanical Properties of Fluids	0	1	1	1	1	1
10	Thermal Properties of Matter	1	1	1	1	0	0
11	Thermodynamics	2	1	1	1	1	1
12	Kinetic Theory	1	1	1	1	1	1
13	Oscillations	0	0	0	0	0	0
14	Waves	1	1	2	1	1	1
15	Electric Charges and Fields	1	1	1	1	2	1
16	Electrostatic Potential and Capacitance	1	1	1	2	0	0
17	Current Electricity	1	2	2	1	1	1
18	Moving Charges and Magnetism	0	0	1	2	2	2
19	Magnetism and Matter	0	1	0	0	0	0
20	Electromagnetic Induction	3	1	1	0	1	0
21	Alternating Current	1	1	0	1	0	1
22	Electromagnetic Waves	1	1	0	1	1	1
23	Ray Optics and Optical Instruments	1	1	3	1	1	1
24	Wave Optics	2	1	0	1	1	1
25	Dual Nature of Radiation and Matter	1	1	1	1	2	1
26	Atoms	1	0	1	1	0	1
27	Nuclei	0	1	0	0	0	0
28	Semiconductor Electronics : Materials, Devices and Simple Circuits	1	1	1	1	1	3
29	Communication Systems	0	0	0	0	0	0
	<b>Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>

**TREND ANALYSIS JEE MAIN 2020 PHASE-1 (CHEMISTRY)**

Chap. No.	Chapter Name	Exam Date And Shift (Morning/Evening)					
		7 JAN(M)	7 JAN(E)	8 JAN(M)	8 JAN(E)	9 JAN(M)	9 JAN(E)
1	Some Basic Concepts of Chemistry	1	1	1	1	0	1
2	Structure of Atom	1	0	1	1	1	0

3	Classification of Elements and Periodicity in Properties	1	1	1	1	2	0
4	Chemical Bonding and Molecular Structure	2	1	0	0	1	0
5	States of Matter	1	1	1	0	0	0
6	Thermodynamics	1	1	1	1	1	1
7	Equilibrium	1	1	1	1	1	2
8	Redox Reactions	1	1	0	0	1	0
9	Hydrogen	1	1	0	1	1	1
10	The s-Block Elements	0	0	1	1	0	2
11	The p-Block Elements (gp - 13 & 14)	0	0	0	0	0	1
12	Organic Chemistry-Some Basic Principles and Techniques	0	1	0	0	1	2
13	Hydrocarbons	0	0	2	3	1	0
14	Environmental Chemistry	0	0	1	0	0	1
15	The Solid State	0	0	0	1	1	0
16	Solutions	1	1	1	0	2	1
17	Electrochemistry	1	1	1	1	1	0
18	Chemical Kinetics	1	2	1	1	1	1
19	Surface Chemistry	0	1	1	0	0	1
20	General Principles and Processes of Isolation of Elements	1	1	0	1	1	0
21	The p-Block Elements (gp - 15, 16, 17 & 18)	1	1	1	2	0	0
22	The d and f-Block Elements	1	1	1	1	1	2
23	Coordination Compounds	1	2	2	3	2	2
24	Haloalkanes and Haloarenes	2	2	0	0	1	1
25	Alcohols, Phenols and Ethers	0	0	2	1	1	1
26	Aldehydes, Ketones and Carboxylic Acids	1	0	1	1	1	1
27	Amines	1	1	0	0	1	2
28	Biomolecules	1	1	1	1	1	0
29	Polymers	0	0	0	1	0	1
30	Chemistry in Everyday Life	1	1	1	0	1	0
31	Analytical Chemistry	2	1	2	1	0	1
	<b>Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>

**TREND ANALYSIS JEE MAIN 2020 PHASE-1 (MATHEMATICS)**

Chap. No.	Chapter Name	Exam Date And Shift (Morning/Evening)					
		7 JAN(M)	7 JAN(E)	8 JAN(M)	8 JAN(E)	9 JAN(M)	9 JAN(E)
1	Sets	0	1	0	0	0	1
2	Relation and Function-I	0	0	0	1	0	0
3	Trigonometry Functions	1	0	0	1	2	1
4	Principle of Mathematical Induction	0	0	0	0	0	0
5	Complex Number and Quadratic Equations	2	2	2	2	2	2
6	Linear Inequalities	0	0	0	0	0	0
7	Permutations and Combinations	1	1	2	1	1	0
8	Binomial Theorem	0	1	0	1	1	2

9	Sequence and Series	2	2	2	2	1	2
10	Straight Lines and Pair of Straight Lines	2	1	0	0	1	0
11	Conic Sections	1	2	2	1	2	3
12	Introduction to 3-Dimensional Geometry	0	0	0	0	0	0
13	Limits and Derivatives	0	0	1	1	0	0
14	Mathematical Reasoning	1	1	1	1	1	1
15	Statistics	1	1	1	1	1	0
16	Probability-I	0	0	0	1	0	0
17	Relations and Functions-II	1	0	1	0	0	0
18	Inverse Trigonometric Functions	0	0	0	0	0	0
19	Matrices	0	0	1	1	0	0
20	Determinants	2	2	2	1	2	2
21	Continuity and Differentiability	3	3	2	1	1	3
22	Application of Derivatives	2	1	2	4	2	0
23	Integrals	1	2	1	1	3	2
24	Application of Integrals	1	1	1	1	0	1
25	Differential Equations	1	1	1	1	2	1
26	Vector Algebra	1	1	1	1	2	1
27	3-Dimensional Geometry	1	1	1	1	0	1
28	Linear Programming	0	0	0	0	0	0
29	Probability-II	1	1	1	0	1	2
	<b>Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>

### TREND ANALYSIS JEE MAIN 2020 PHASE-2 (PHYSICS)

Chap. No.	Chapter Name	Exam Date And Shift (Morning/Evening)									
		2 Sep(M)	2 Sep(E)	3 Sep(M)	3 Sep(E)	4 Sep(M)	4 Sep(E)	5 Sep(M)	5 Sep(E)	6 Sep(M)	6 Sep(E)
1	Physical World, Units and Measurements	2	1	1	1	1	1	1	1	2	1
2	Motion in a Straight Line	1	0	0	0	1	1	1	1	0	0
3	Motion in a Plane	0	0	0	0	1	0	2	0	1	1
4	Laws of Motion	0	0	0	1	0	1	0	1	1	1
5	Work, Energy and Power	2	1	1	2	1	1	0	1	1	1
6	System of Particles and Rotational Motion	4	2	3	2	2	2	1	1	2	2
7	Gravitation	1	1	1	1	1	1	1	1	1	1
8	Mechanical Properties of Solids	0	0	0	0	0	1	0	0	1	0
9	Mechanical Properties of Fluids	0	1	2	0	1	1	1	1	0	1
10	Thermal Properties of Matter	0	1	1	2	1	0	1	1	0	1
11	Thermodynamics	1	1	1	1	0	1	1	1	0	1
12	Kinetic Theory	1	1	1	1	2	1	1	1	2	1
13	Oscillations	0	1	0	1	0	0	0	0	1	1
14	Waves	1	1	1	0	1	1	2	1	1	0
15	Electric Charges and Fields	1	1	0	0	1	1	0	0	1	2
16	Electrostatic Potential and Capacitance	1	2	2	2	1	1	2	3	1	0



