

PARISHRAM ACADEMY

JEE Main Test Series

Unit-Wise Test Series

(Unit.1) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Some Basic Concept of Chemistry	Physics & Measurement	Sets	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	States Of Matter	Kinematics	Relations & Function		
3	Gaseous State	Laws Of Motion	Complex Numbers & Quadratic Equations		
4	Liquid State		Inequalities		
5	Atomic Structure		Sequence & Series		
6	Chemical Bonding & Molecular Structure				

(Unit.2) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Thermodynamics	Work, Energy & Power	Permutations & Combinations	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Equilibrium	Circular Motion	Mathematical Induction		
3	Redox Reactions	Rotational Motion	Binomial Theorem & Its Simple Application		
4		Gravitation			
5		Properties Of Solids & Liquids			

(Unit.3) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Classification Of Elements & Periodicity in Properties	Thermodynamics	Trigonometric Functions & Equation	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Hydrogen	Kinetic Theory of Gases	Straight Line		
3	s-Block Elements	Heat Transfer	Circle		
4	p-Block Elements- Group 13 - 14				

(Unit.4) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Organic Chemistry - Basic Principles & Techniques	Oscillations & Waves	Conics	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Hydrocarbons		Mathematical Reasonings		
3	Environmental Chemistry		Statistics		

(Unit.5) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Solid States	Electrostatics	Inverse Trigonometric Function	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Solutions	Current Electricity	Matrices & Determinants		
3	Electrochemistry	Magnetic Effects of Current & Magnetism			
4	Chemical Kinetics				
5	Surface Chemistry				

(Unit.6) Unit-Wise Test Series Syllabus for JEE-Main

Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	General Principles & Processess of Isolation of Metals	Electromagnetic Induction & Alternating Currents	Limits	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	p-Block Elements- Group 15,16,17,18	Electromagnetic Waves	Continuity & Differentiability		
3	d & f - Block Elements		Differentiation		
4	Co-ordination Compounds		Applications Of Derivatives		

(Unit.7) Unit-Wise Test Series Syllabus for JEE-Main					
Sr. No	Chemistry	Physics	Maths	Pattern	Mode
1	Organic Compounds Containing Halogens	Optics	Mathematic Integral Calculus	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Organic Compounds Containing Oxygens	Dual Nature of Matter & Radiations	Area Under Curve		
3		Atoms & Nuclei	Differential Equations		

(Unit.8) Unit-Wise Test Series Syllabus for JEE-Main					
Sr.No	Chemistry	Physics	Maths	Pattern	Mode
1	Organic Compounds Containing Nitrogen	Electronic Devices	Three Dimensional Geometry	Physics - 20Q + 10Q = 30 Chemistry - 20Q + 10Q = 30 Maths - 20Q + 10Q = 30 Total - 75Q x 4M = 300 M	Physical Test at Center
2	Polymers	Communication Systems & Experimental Skills	Vector Algebra & Probability		
3	Biomolecules				
4	Chemistry In Everyday Life				
5	Principles Related To Practical Chemistry				

Parishram Academy					
JEE-MAIN Test Series					
Topic-Wise / Chemistry (20Q + 10Q -100 Marks Each)					
Sr No	Topic Name	Pattern	Solution	Mode	Discussion
1	Some Basic Concept of Chemist	25Q / 100M	PDF Sol.	MA / PP	N/A
2	Atomic Structure	25Q / 100M	PDF Sol.	MA / PP	N/A
3	Periodic Table	25Q / 100M	PDF Sol.	MA / PP	N/A
4	Chemical Bonding	25Q / 100M	PDF Sol.	MA / PP	N/A
5	Gaseous State	25Q / 100M	PDF Sol.	MA / PP	N/A
6	Thermochemistry	25Q / 100M	PDF Sol.	MA / PP	N/A
7	Chemical Equilibrium	25Q / 100M	PDF Sol.	MA / PP	N/A
8	Ionic Equilibrium	25Q / 100M	PDF Sol.	MA / PP	N/A
9	Redox Reactions	25Q / 100M	PDF Sol.	MA / PP	N/A
10	Hydrogen & s-Block	25Q / 100M	PDF Sol.	MA / PP	N/A
11	p-Block Elements- Group 13 - 14	25Q / 100M	PDF Sol.	MA / PP	N/A
12	General Organic Chemistry	25Q / 100M	PDF Sol.	MA / PP	N/A
13	Isomerism	25Q / 100M	PDF Sol.	MA / PP	N/A
14	Hydrocarbons	25Q / 100M	PDF Sol.	MA / PP	N/A
15	Environmental Chemistry	25Q / 100M	PDF Sol.	MA / PP	N/A
16	Solid States	25Q / 100M	PDF Sol.	MA / PP	N/A
17	Solutions	25Q / 100M	PDF Sol.	MA / PP	N/A
18	Electrochemistry	25Q / 100M	PDF Sol.	MA / PP	N/A
19	Chemical Kinetics	25Q / 100M	PDF Sol.	MA / PP	N/A
20	Surface Chemistry	25Q / 100M	PDF Sol.	MA / PP	N/A
21	Metallurgy	25Q / 100M	PDF Sol.	MA / PP	N/A
22	p-Block Elements- Group 15,16,	25Q / 100M	PDF Sol.	MA / PP	N/A
23	d & f - Block Elements & Co-ord	25Q / 100M	PDF Sol.	MA / PP	N/A
24	Haloalkanes & Haloarenes	25Q / 100M	PDF Sol.	MA / PP	N/A
25	Alcohol , Phenol , Ethers	25Q / 100M	PDF Sol.	MA / PP	N/A
26	Aldehydes, Ketones & Carboxyl	25Q / 100M	PDF Sol.	MA / PP	N/A
27	Nitrogen Compounds	25Q / 100M	PDF Sol.	MA / PP	N/A
28	Biomolecules, Chemistry In Eve	25Q / 100M	PDF Sol.	MA / PP	N/A
29	Practical Chemistry	25Q / 100M	PDF Sol.	MA / PP	N/A

Parishram Academy					
JEE-MAIN Test Series					
Topic-Wise / Physics (20Q + 10Q -100 Marks Each)					
Sr No	Topic Name	Pattern	Solution	Mode	Discussion
1	Vectors	25Q / 100M	PDF Sol.	Mobile App	N/A
2	Units & Dimension	25Q / 100M	PDF Sol.	Mobile App	N/A
3	Motion In One Dimension	25Q / 100M	PDF Sol.	Mobile App	N/A
4	Projectile Motion	25Q / 100M	PDF Sol.	Mobile App	N/A
5	Newtons Law Of Motion & Fric	25Q / 100M	PDF Sol.	Mobile App	N/A
6	Work, Energy & Power	25Q / 100M	PDF Sol.	Mobile App	N/A
7	Circular Motion	25Q / 100M	PDF Sol.	Mobile App	N/A
8	Rotational Motion	25Q / 100M	PDF Sol.	Mobile App	N/A

9	Gravitation	25Q / 100M	PDF Sol.	Mobile App	N/A
10	Simple Harmonic Motion	25Q / 100M	PDF Sol.	Mobile App	N/A
11	Properties Of Matter	25Q / 100M	PDF Sol.	Mobile App	N/A
12	Heat & Thermodynamics	25Q / 100M	PDF Sol.	Mobile App	N/A
13	Waves	25Q / 100M	PDF Sol.	Mobile App	N/A
14	Electrostatics	25Q / 100M	PDF Sol.	Mobile App	N/A
15	Current Electricity	25Q / 100M	PDF Sol.	Mobile App	N/A
16	Magnetic Field & Magnetic Field	25Q / 100M	PDF Sol.	Mobile App	N/A
17	Magnetism Magnetic material and	25Q / 100M	PDF Sol.	Mobile App	N/A
18	Electromagnetic Induction	25Q / 100M	PDF Sol.	Mobile App	N/A
19	Alternating Currents & Electrom	25Q / 100M	PDF Sol.	Mobile App	N/A
20	Ray Optics	25Q / 100M	PDF Sol.	Mobile App	N/A
21	Wave Optics	25Q / 100M	PDF Sol.	Mobile App	N/A
22	Modern Physics	25Q / 100M	PDF Sol.	Mobile App	N/A
23	Semiconductor & Communicatio	25Q / 100M	PDF Sol.	Mobile App	N/A
24	Practical Physics	25Q / 100M	PDF Sol.	Mobile App	N/A

Parishram Academy

JEE-MAIN Test Series

Topic-Wise / Maths (20Q + 10Q -100 Marks Each)

Sr No	Topic Name	Pattern	Solution	Mode	Discussion
1	Sets , Relations & Functions	25Q / 100M	PDF Sol.	Mobile App	N/A
2	Trigonometry	25Q / 100M	PDF Sol.	Mobile App	N/A
3	Quadratic Equation	25Q / 100M	PDF Sol.	Mobile App	N/A
4	Complex Number	25Q / 100M	PDF Sol.	Mobile App	N/A
5	Sequences & Series	25Q / 100M	PDF Sol.	Mobile App	N/A
6	Binomial Theoram	25Q / 100M	PDF Sol.	Mobile App	N/A
7	Permutations & Combinations	25Q / 100M	PDF Sol.	Mobile App	N/A
8	Point & Straight Lines	25Q / 100M	PDF Sol.	Mobile App	N/A
9	Circle	25Q / 100M	PDF Sol.	Mobile App	N/A
10	Conic Sections , Parabola , Ellip	25Q / 100M	PDF Sol.	Mobile App	N/A
11	Inverse Trigonometric Function	25Q / 100M	PDF Sol.	Mobile App	N/A
12	Metrices & Determinants	25Q / 100M	PDF Sol.	Mobile App	N/A
13	Limit, Continuity & Differentiab	25Q / 100M	PDF Sol.	Mobile App	N/A
14	Differentiation	25Q / 100M	PDF Sol.	Mobile App	N/A
15	Application Of Derivatives	25Q / 100M	PDF Sol.	Mobile App	N/A
16	Integration	25Q / 100M	PDF Sol.	Mobile App	N/A
17	Areas Bounded By Curves	25Q / 100M	PDF Sol.	Mobile App	N/A
18	Differential Equations	25Q / 100M	PDF Sol.	Mobile App	N/A
19	Probability	25Q / 100M	PDF Sol.	Mobile App	N/A
20	Vector Algebra & Three Dimens	25Q / 100M	PDF Sol.	Mobile App	N/A
21	Statistics & Mathematical Reaso	25Q / 100M	PDF Sol.	Mobile App	N/A