

30 DAYS TOPPER PREPARATION PLAN

MDCAT TIMETABLE

S/NO	SUBJECT	Weightage	
		PERCENTAGE	MCQs
1	Biology	32	68
2	Chemistry	26.5	56
3	Physics	26.5	56
4	English	10	20
5	Logical Reasoning	5	10
Total:		100	210

BIOLOGY TIMETABLE

Days	Biology Topics	Time
Day 1	Bio-diversity (cellular life/variety of life)	4 hours
Day 2		4 hours
Day 3	Bio-energetic	4 hours
Day 4		4 hours
Day 5	Biological molecules	4 hours
Day 6		4 hours
Day 7	Revision of the above topics	4 hours
Day 8	Cell structure and function	4 hours
Day 9		4 hours
Day 10	Coordination and control/nervous & chemical coordination	4 hours
Day 11		4 hours
Day 12	Diversity among animals	4 hours
Day 13		4 hours
Day 14	Revision of the above topics	4 hours
Day 15	Enzymes	4 hours
Day 16		4 hours
Day 17	Evolution	4 hours
Day 18		4 hours
Day 19	Life process in animals and plants (nutrition/gaseous exchange/ transport)	4 hours
Day 20		4 hours
Day 21	Revision of the above topics	4 hours
Day 22	Prokaryotes	4 hours
Day 23		4 hours
Day 24	Reproduction	4 hours
Day 25	Support and movement	4 hours
Day 26		4 hours
Day 27	Variation and genetics/inheritance	4 hours
Day 28		4 hours
Day 29	Revision of the above topics	4 hours
Day 30	A brief overview of all topics	4 hours

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MDCAT CHEMISTRY TIMETABLE

Days	Chemistry Topics	Time/day
Day 1	Introduction to fundamental concepts of chemistry	4 hours
Day 2	Atomic structure	4 hours
Day 3	Gases	4 hours
Day 4	Liquids	4 hours
Day 5	Solids	4 hours
Day 6	Chemical equilibrium	4 hours
Day 7	Revision of the above topics	4 hours
Day 8	Reaction kinetics	4 hours
Day 9	Thermo-chemistry and energetics of chemical reactions	4 hours
Day 10	Electrochemistry	4 hours
Day 11	Chemical bonding	4 hours
Day 12	S and p block elements	4 hours
Day 13	Transition elements	4 hours
Day 14	Revision of the above topics	4 hours
Day 15	Fundamental principles of organic chemistry	4 hours
Day 16	Chemistry of hydrocarbons	4 hours
Day 17	Alkyl halides	4 hours
Day 18	Alcohols and phenols	4 hours
Day 19	Aldehydes and ketones	4 hours
Day 20	Carboxylic acids	4 hours
Day 21	Revision of the above topics	4 hours
Day 22	Macromolecules	4 hours
Day 23	Revise first 3 topics	4 hours
Day 24	Revise second three topics	4 hours

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Day 25	Revise third three topics	4 hours
Day 26	Revise fourth three topics	4 hours
Day 27	Revise fifth three topics	4 hours
Day 28	Revise last four topics	4 hours
Day 29	Give an overview of the first 10 topics	4 hours
Day 30	Give an overview of the last 19 topics	4 hours

MDCAT PHYSICS TIMETABLE

Days	Physics Topics	Time/day
Day 1	Force and motion	4 hours
Day 2		4 hours
Day 3	Work and energy	4 hours
Day 4		4 hours
Day 5	Rotational and circular motion	4 hours
Day 6		4 hours
Day 7	Revision of the above topics	4 hours
Day 8	Waves	4 hours
Day 9		4 hours
Day 10	Thermodynamics	4 hours
Day 11		4 hours
Day 12	Electrostatics	4 hours
Day 13		4 hours
Day 14	Revision of the above topics	4 hours
Day 15	Current electricity	4 hours
Day 16		4 hours
Day 17	Electromagnetism	4 hours
Day 18		4 hours
Day 19	Electromagnetic induction	4 hours
Day 20		4 hours
Day 21	Revision of the above topics	4 hours
Day 22	Electronics	4 hours
Day 23		4 hours
Day 24	Dawn of modern physics	4 hours
Day 25		4 hours
Day 26	Atomic spectra	4 hours
Day 27		4 hours
Day 28	Revision of the above topics	4 hours
Day 29	Nuclear physics	4 hours
Day 30	A brief overview of all topics	4 hours

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A COMPLETE MDCAT TIMETABLE FOR ALL SUBJECTS

Days	Bio, Eng, LR	Chem, Eng, LR	Phys, Eng, LR	Time/ hours per Subject
Day 1	Bio-diversity, Eng, LR	Introduction to fundamental concepts of chemistry, Eng, LR	Force and motion, Eng, LR	4, 4, 4, 3
Day 2		Atomic structure, Eng, LR		4, 4, 4, 3
Day 3	Bio-energetic, Eng, LR	Gases, Eng, LR	Work and energy	4, 4, 4, 3
Day 4		Liquids, Eng, LR		4, 4, 4, 3
Day 5	Biological molecules, Eng, LR	Solids, Eng, LR	Rotational and circular motion, Eng, LR	4, 4, 4, 3
Day 6		Chemical equilibrium, Eng, LR		4, 4, 4, 3
Day 7	Revision	Revision	Revision	4, 4, 4, 3
Day 8	Cell structure and function, Eng, LR	Reaction kinetics, Eng, LR	Waves, Eng, LR	4, 4, 4, 3
Day 9		Thermo-chemistry and energetics of chemical reactions, Eng, LR		4, 4, 4, 3
Day 10	Coordination and control/nervous & chemical coordination, Eng, LR	Electrochemistry, Eng, LR	Thermodynamics, Eng, LR	4, 4, 4, 3
Day 11		Chemical bonding, Eng, LR		4, 4, 4, 3
Day 12	Diversity among animals, Eng, LR	S and p block elements, Eng, LR	Electrostatics, Eng, LR	4, 4, 4, 3
Day 13		Transition elements, Eng, LR		4, 4, 4, 3
Day 14	Revision	Revision	Revision	4, 4, 4, 3
Day 15	Enzymes, Eng, LR	Fundamental principles of organic chemistry, Eng, LR	Current electricity, Eng, LR	4, 4, 4, 3

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Day 16		Chemistry of hydrocarbons, Eng, LR		4, 4, 4, 3	
Day 17	Evolution, Eng, LR	Alkyl halides, Eng, LR	Electromagnetism, Eng, LR	4, 4, 4, 3	
Day 18		Alcohols and phenols, Eng, LR		4, 4, 4, 3	
Day 19	Life process in animals and plants, Eng, LR	Aldehydes and ketones, Eng, LR	Electromagnetic induction, Eng, LR	4, 4, 4, 3	
Day 20		Carboxylic acids, Eng, LR		4, 4, 4, 3	
Day 21	Revision	Revision	Revision	4, 4, 4, 3	
Day 22	Prokaryotes, Eng, LR	Macromolecules, Eng, LR	Electronics, Eng, LR	4, 4, 4, 3	
Day 23		Revise 1-3, Eng, LR		4, 4, 4, 3	
Day 24	Reproduction, Eng, LR	Revise 4-6, Eng, LR	Dawn of modern physics, Eng, LR	4, 4, 4, 3	
Day 25		Revise 7-9, Eng, LR		4, 4, 4, 3	
Day 26	Support and movement, Eng, LR	Revise 10-12, Eng, LR	Atomic spectra, Eng, LR	4, 4, 4, 3	
Day 27		Revise 13-15, Eng, LR		4, 4, 4, 3	
Day 28	Revision	Revise 16-19, Eng, LR	Revision	4, 4, 4, 3	
Day 29	Variation and genetics/inheritance, Eng, LR	Revise 1-10, Eng, LR	Nuclear physics, Eng, LR	4, 4, 4, 3	
Day 30	Brief overview	Revise 11-19 and overview	Brief overview	4, 4, 4, 3	
Total working days =30				Total study hours/day =15	Total study hours/month =450

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