BITSAT 2025 Crash Course - Batch 2 (Schedule)
BITSAT Test Series included

Overview of the offering in the batch	
Offering	**Description**
Math Course	Focused learning through recorded lectures, designed for quick concept revision and speed enhancement with Speed Drill Videos. Exclusive BITSAT sessions providing mentorship and strategic guidance on exam approach. ***Led by an expert who scored 402/450 in BITSAT.***
BITSAT Exclusive PCM	BITSAT follows a complete syllabus with no deletions, meaning chapters omitted from JEE Mains will still be tested. To ensure thorough preparation, we provide dedicated lectures on these topics. Additionally, you'll receive 5-6 practice questions per topic to reinforce conceptual application
English and Logical Reasoning	English and Logical Reasoning Lectures as per the BITSAT syllabus guidelines Please check the list of topics that will be covered.
BITSAT Test Series	BITSAT Quizrr Test series is included in the course. It consists of chapter test, part tests, and full tests for all the subjects asked at BITSAT. Check the schedule for the same

Quizrr BITSAT Test Series - Overview	
Overview of the tests provided in the Pack	
Type of Tests	**Number**
Chapterwise Test (All Five Subjects i.e. PCM, English & Reasoning)	272
Special Notes for English and Logical Reasoning (PDF)	20
BITSAT Previous Years Papers 2024 - 2013 (Memory Based)	12
Part Test	6
Full Syllabus Test as per the New Pattern	20
Total Number of Tests in the Test Series	**310**
All tests are without video solutions but will have textual solutions.	

Notes:
1. Quizrr reserves the right to change the schedule.
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3. The tests will be uploaded at 9 AM (IST) on the mentioned uploading dates.
4. ***Once a test is uploaded, you can take it any time, any date till the validity of the test series as per your convenience.***
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6. Each Part Test and Full Test has bonus questions just like actual BITSAT paper.
7. Each Test can be taken only once, once you can revisit the analysis anytime

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MathonGo BITSAT 2025 - Crash Course - Batch 2			
Date	**Day**	**Chapter**	**LIVE BITSAT Exclusive Sessions**
Apr 10	Thursday		BITSAT Crash Course B2 Orientation
Apr 11	Friday	Functions	
Apr 12	Saturday		
Apr 13	Sunday	Limits Continuity & Differentiability	
Apr 14	Monday		BITSAT Exclusive Session
Apr 15	Tuesday	Application of Derivatives	
Apr 16	Wednesday		
Apr 17	Thursday	Matrices Determinants	
Apr 18	Friday		
Apr 19	Saturday	Indefinite Integration	BITSAT Exclusive Session
Apr 20	Sunday		
Apr 21	Monday	Definite Integration	
Apr 22	Tuesday		
Apr 23	Wednesday	Areas & Differential Equation	
Apr 24	Thursday		BITSAT Exclusive Session
Apr 25	Friday	Quadratic Equation	
Apr 26	Saturday		
Apr 27	Sunday	Complex Number	
Apr 28	Monday		
Apr 29	Tuesday	Sequence Series	BITSAT Exclusive Session
Apr 30	Wednesday		
May 1	Thursday	Binomial Theorem	
May 2	Friday		
May 3	Saturday	Permutation Combination	
May 4	Sunday		BITSAT Exclusive Session
May 5	Monday	Probability	
May 6	Tuesday		
May 7	Wednesday	Straight Lines	
May 8	Thursday		
May 9	Friday	Circles	BITSAT Exclusive Session
May 10	Saturday		
May 11	Sunday	Parabola	
May 12	Monday		
May 13	Tuesday	Ellipse Hyperbola	
May 14	Wednesday		BITSAT Exclusive Session
May 15	Thursday	Vector Algebra & Vector 3D	
May 16	Friday		
May 17	Saturday	Inverse Trigo & Solutions of Triangles	
May 18	Sunday		
May 19	Monday	Statistics & Mathematical Reasoning	BITSAT Exclusive Session
May 20	Tuesday		
May 21	Wednesday	Linear Programming	
May 22	Thursday		
May 23	Friday		BITSAT Exclusive Session
May 24	Saturday		
May 25	Sunday		
May 26	Monday	BITSAT Attempt 1	
MathonGo reserves the rights to change the schedule. Any change will be notified to the registered students over email.			

BITSAT Exclusive PCM

List of topics(that are removed from JEE Main Syllabus) that will be covered in the video lectures

Physics	Chemistry	Mathematics
Mechanical Properties of Fluids - Reynold's Number	Some Basic Concepts of Chemistry - Significant Figures	Complex Number - Triangle Inequality
Thermal Properties of Matter - Newton's law of cooling	States of Matter - Gas Laws, Ideal gas equation and Graham's Law	Sequences and Series - Summation of Series and Vn Method
Thermodynamics - Carnot Engine & Refrigirator	States of Matter - Real Gases, Van der Waal's & Mixture of gases	Sequences and Series - Arithmetic Geometric Progression
Oscillations - Resonance and linked concepts	States of Matter - Liquid State and Critical phenomena	Binomial Theorem - Properties of Binomial Coefficients and Sum of Series
Oscillations - Damped Oscillations	Hydrogen - Hardness of Water	Binomial Theorem - Sum of Series Involving Product
Waves and Sound - Doppler's Effect	Hydrogen - Preparation and Properties of Water	Circle - Equation of Circle and Chord
Current Electricity - Potenteometer	Hydrogen - Preparation and Properties of Hydrogen and H2O2	Circle - Orthogonal Circles and Family of Circles
Current Electricity - Color coding of resistors	Hydrogen - Hydrides	Circle - Tangents and Normals
Magnetic Properties of Matter - BITSAT Exclusive Concepts	s Block Elements - Alkali Metals	Circle - Pair of Tangents and Common Tangents
Magnetic Effects of Current - Cyclotron	s Block Elements - Alkaline Earth Metals	Parabola - Equation of Parabola and Focal Chord
Alternating Current - Quality Factor	Environmental Chemistry - Complete Revision	Parabola - Tangent to Parabola
Ray Optics - Microscope and Telescope	Solid State - Cubic system and Ionic structure	Parabola - Normal to Parabola
Ray Optics - Resolving Power	Solid State - Defects and Magnetic Properties	Parabola - Common Tangent, Chord with given mid point and Reflection property
Nuclear Physics - Radioactivity	Surface Chemistry - Adsorption & Adsorption Isotherms	Ellipse Hyperbola - Equation of Ellipse and Hyperbola and Auxiliary circle
Nuclear Physics - Nuclear Reactions	Surface Chemistry - Colloids	Ellipse Hyperbola - Tangents, Chord of Contact and Properties of Tangents
Semiconductors - All JEE Mains Concepts	Surface Chemistry - Emulsions, Gels and Catalysis	Ellipse Hyperbola - Normal and Reflection Property
Semiconductors - Junction Transistors	Metallurgy - Basics of Metallurgy	Ellipse Hyperbola - Common tangent and Misc Concepts
Dual Nature of Matter - Davison and Germer Experiment	Metallurgy - Metallurgy of different metals	Straight Lines - Family of lines and Angle Bisector
Communication System - Chapter Revision Part 1	p Block Elements - Group 13	Pair of Line - Equation of pair of Lines, Concept of Homogenization
Communication System - Chapter Revision Part 2	p Block Elements - Group 14	Determinants - System of Linear Equations
	p Block Elements - Group 15	Determinants - Properties of Determinants
	p Block Elements - Group 16	Application of Derivatives - Tangent Normal
	p Block Elements - Group 17	Application of Derivatives - Mean Value Theorem
	p Block Elements - Group 18	Definite Integration - Definite as Limit of Sum
	Polymers - Complete Revision	Differential Equations - Formation of Differential Equation
	Chemistry in Everyday Life - Chapter Revision Part 1	Vector Algebra - Scalar Triple Product
	Chemistry in Everyday Life - Chapter Revision Part 2	Vector Algebra - Vector Triple Product
		Three Dimensional Geometry - Line and Plane
		Three Dimensional Geometry - Plane in Space
		Probability - Bernoulli Trial and Binomial Distribution
		Mathematical Reasoning - Complete Revision
		Heights and Distances - Complete Revision
		Linear Programming - Complete Revision

BITSAT - English and Logical Reasoning

The following topics will be covered - all lectures uploaded on the platform

SNO	English	Logical Reasoning
1	Synonyms and Antonyms Idioms & Phrases	Blood Relations Calendar
2	Spelling & Word Formation Homophones & Analogy	Non Verbal Analogy Rule Detection
3	Grammar Basics	Direction Sensing Seating Arrangement
4	Sentence Structure	Series Completion Classification Verbal Analogy
5	Advanced Grammar	Pattern Perception Counting of Figure
6	One Word & Odd Word Collocations Connotations & Denotations	Figure Formation and Analysis Figure Matrix
7	Error Identification & Correction Fill in the Blanks	Paper Folding and Cutting Counting of Figure
8	Rearrangement Paragraph Organization	Venn Diagram Chart Logic
9	Comprehension Ability	Logical Deduction Coding Decoding

BITSAT 2025 Test Series - Batch 2 (Schedule)
Quizrr (Powered by MathonGo)

Overview of the tests provided in the Pack		
Type of Tests	**Number**	**Available From**
Chapterwise Test (All Five Subjects i.e. PCM, English & Reasoning)	272	All Available
Special Notes for English and Logical Reasoning (PDF)	20	All Available
BITSAT Previous Years Papers 2024 - 2013 (Memory Based)	12	All Available
Part Test	6	All Available from 6th Apr
Full Syllabus Test as per the New Pattern	20	Starting 12th Apr
Total Number of Tests in the Test Series	**310**	

Chapterwise Test - Overview	
Subject	**Chapter Test**
Physics (2 Tests Per Chapter, 20 Questions per Test)	62
Chemistry (2 Tests Per Chapter, 20 Questions per Test)	62
Mathematics (2 Tests Per Chapter, 20 Questions per Test)	60
English (10 Questions per Test)	47
Logical Reasoning (10 Questions per Test)	44
Grand Total	**275**

All tests are without video solutions but will have textual solutions.

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Chapter Test Details for Physics, Chemistry & Mathematics - BITSAT 2025 Test Series			
S No	Chapters in Physics	Chapters in Chemistry	Chapters in Math
1	Mathematics in Physics	Some Basic Concepts of Chemistry	Basic of Mathematics
2	Units and Dimensions	Structure of Atom	Quadratic Equation
3	Motion In One Dimension	Classification of Elements and Periodicity in Properties	Complex Number
4	Motion In Two Dimensions	Chemical Bonding and Molecular Structure	Permutation Combination
5	Laws of Motion	States of Matter	Sequences and Series
6	Work Power Energy	Thermodynamics (C)	Binomial Theorem
7	Center of Mass Momentum and Collision	Chemical Equilibrium	Trigonometry and Heights & Distances
8	Rotational Motion	Ionic Equilibrium	Straight Lines
9	Gravitation	Redox Reactions	Circle
10	Mechanical Properties of Solids	Hydrogen	Parabola
11	Mechanical Properties of Fluids	s Block Elements	Ellipse
12	Thermal Properties of Matter	p Block Elements (Group 13 & 14)	Hyperbola
13	Thermodynamics	General Organic Chemistry	Limits
14	Kinetic Theory of Gases	Hydrocarbons	Mathematical Reasoning
15	Oscillations	Solid State	Statistics
16	Waves and Sound	Solutions	Sets and Relations
17	Electrostatics	Electrochemistry	Matrices and Determinants
18	Capacitance	Chemical Kinetics	Inverse Trigonometric Functions
19	Current Electricity	Surface Chemistry	Functions
20	Magnetic Properties of Matter	General Principles and Processes of Isolation of Metals	Continuity and Differentiability
21	Magnetic Effects of Current	p Block Elements (Group 15, 16, 17 & 18)	Differentiation
22	Electromagnetic Induction	d and f Block Elements	Application of Derivatives
23	Alternating Current	Coordination Compounds	Indefinite Integration
24	Electromagnetic Waves	Haloalkanes and Haloarenes	Definite Integration
25	Ray Optics	Alcohols Phenols and Ethers	Area Under Curves
26	Wave Optics	Aldehydes and Ketones	Differential Equations
27	Dual Nature of Matter	Carboxylic Acid Derivatives	Vector Algebra
28	Atomic Physics	Amines	Three Dimensional Geometry
29	Nuclear Physics	Biomolecules	Probability
30	Semiconductors	Polymers	Linear Programming
31	Communication System	Chemistry in Everyday Life	
Each Chapter to have 2 Chapter Tests, comprising of 20 questions per test **Test covers topics according to the BITSAT syllabus (Not acc to JEE Main syllabus)**			

Chapter Test Details for English and Logical Reasoning - BITSAT 2025 Test Series			
Sno	Subject	Chapter	No of Tests
1	Logical Reasoning	Blood Relations	2
2	Logical Reasoning	Calendar	2
3	Logical Reasoning	Classification	4
4	Logical Reasoning	Non Verbal Analogy	2
5	Logical Reasoning	Coding Decoding	2
6	Logical Reasoning	Pattern Perception	2
7	Logical Reasoning	Counting of Figure	2
8	Logical Reasoning	Cube and Dice	2
9	Logical Reasoning	Direction Sensing	2
10	Logical Reasoning	Venn Diagram	2
11	Logical Reasoning	Logical Deduction	3
12	Logical Reasoning	Paper Folding and Cutting	3
13	Logical Reasoning	Verbal Analogy	3
14	Logical Reasoning	Figure Matrix	2
15	Logical Reasoning	Rule Detection	2
16	Logical Reasoning	Figure Formation and Analysis	2
17	Logical Reasoning	Series Completion	4
18	Logical Reasoning	Chart Logic	4
19	Logical Reasoning	Seating Arrangement	2
20	English	Synonyms and Antonyms	4
21	English	Idioms & Phrases	4
22	English	Spelling & Word Formation	3
23	English	Homophones & Analogy	3
24	English	Fill in the Blanks	3
25	English	Grammar Basics	3
26	English	Sentence Structure	3
27	English	Error Identification & Correction	3
28	English	Advanced Grammar	3
29	English	Rearrangement	3
30	English	One Word & Odd Word	3
31	English	Collocations	2
32	English	Paragraph Organization	2
33	English	Comprehension Ability	3
34	English	Connotations & Denotations	2

There will be 10 questions in each test

Part Test Schedule & Syllabus - BITSAT 2025 Test Series Quizrr (Powered by MathonGo)				
Date	**Part Test**	**Physics**	**Chemistry**	**Mathematics**	**English & LR**
6 Apr 2025	Part Test - 1	Electrostatics Capacitance Current Electricity Magnetic Properties of Matter Magnetic Effects of Current	General Organic Chemistry Hydrocarbons Haloalkanes and Haloarenes Environmental Chemistry	Functions Limits Continuity and Differentiability Application of Derivatives	Complete English & LR
6 Apr 2025	Part Test - 2	Electromagnetic Induction Alternating Current Ray Optics Wave Optics Mathematics in Physics Units and Dimensions	Alcohols Phenols and Ethers Aldehydes and Ketones Carboxylic Acid Derivatives Amines Biomolecules Polymers	Matrices Determinants Differentiation Vector Algebra Vector 3D	Complete English & LR
6 Apr 2025	Part Test - 3	Motion In One Dimension Motion In Two Dimensions Laws of Motion Work Power Energy Center of Mass Momentum and Collision	Some Basic Concepts of Chemistry Structure of Atom States of Matter Thermodynamics (C) Chemical Equilibrium Ionic Equilibrium Redox Reactions	Indefinite Integration Definite Integration Area Under Curves Differential Equations	Complete English & LR
6 Apr 2025	Part Test - 4	Gravitation Rotational Motion Mechanical Properties of Solids Mechanical Properties of Fluids Waves and Sound	Classification of Elements and Periodicity in Properties Chemical Bonding and Molecular Structure p Block Elements (Group 13 & 14) p Block Elements (Group 15, 16, 17 & 18) Hydrogen s Block Elements	Quadratic Equation Complex Number Sequences and Series Binomial Theorem Permutation Combination	Complete English & LR
6 Apr 2025	Part Test - 5	Thermal Properties of Matter Thermodynamics Kinetic Theory of Gases Oscillations	Solid State Solutions Electrochemistry Chemical Kinetics Surface Chemistry	Probability Straight Lines Circle Conic Section (Parabola Ellipse Hyperbola)	Complete English & LR
6 Apr 2025	Part Test - 6	Dual Nature of Matter Atomic Physics Nuclear Physics Semiconductors Communication System Electromagnetic Waves	General Principles and Processes of Isolation of Metals p Block Elements (Group 13 & 14) p Block Elements (Group 15, 16, 17 & 18) d and f Block Elements Coordination Compounds Chemistry in Everyday Life	Trigonometry & Inverse Trigonometry Solution of Triangles Statistics Mathematical Reasoning Sets and Relations Linear Programming	Complete English & LR

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Full Test Schedule - BITSAT 2025 Test Series (Batch 2) Quizrr (Powered by MathonGo)		
SL	Date of Uploading	Title
1	12 Apr	Full Test 1
2	15 Apr	Full Test 2
3	18 Apr	Full Test 3
4	21 Apr	Full Test 4
5	24 Apr	Full Test 5
6	27 Apr	Full Test 6
7	30 Apr	Full Test 7
8	3 May	Full Test 8
9	6 May	Full Test 9
10	9 May	Full Test 10
11	12 May	Full Test 11
12	15 May	Full Test 12
13	18 May	Full Test 13
14	21 May	Full Test 14
15	24 May	Full Test 15
16	2 Jun	Full Test 16
17	5 Jun	Full Test 17
18	8 Jun	Full Test 18
19	11 Jun	Full Test 19
20	14 Jun	Full Test 20
21	Available on the Platform	BITSAT 2024 Previous Year as Mock
22		BITSAT 2023 Previous Year as Mock
23		BITSAT 2022 Previous Year as Mock
24		BITSAT 2021 Previous Year as Mock
25		BITSAT 2020 Previous Year as Mock
26		BITSAT 2019 Previous Year as Mock
26		BITSAT 2018 Previous Year as Mock
27		BITSAT 2017 Previous Year as Mock
28		BITSAT 2016 Previous Year as Mock
29		BITSAT 2015 Previous Year as Mock
30		BITSAT 2014 Previous Year as Mock
31		BITSAT 2013 Previous Year as Mock

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Important Update for BITSAT Test Series – Session 2 Adjustments

Stronger and Better for Session 2 - If not you then who?

Dear Student,

Thank you for your active participation and valuable feedback on the BITSAT Test Series for Session 1. We've gone through your inputs carefully and are making strategic updates to the ***remaining five full-syllabus mock tests to align better with the evolving exam pattern*** and your expectations for Session 2 (June 2025).

Upcoming Mock Test Adjustments

Physics	Theory-heavy conceptual questions
Chemistry	Deleted chapters, unpredictable Organic + NCERT-deep
Maths	Nothing much but topic-heavy LPP, DE, Vectors
English + LR	Difficult LR logic + grammar traps

Mock Test Schedule:

Please find below the schedule for the upcoming mock tests:

SL	Date of Uploading	Title
1	5 June	Full Test - according to new pattern
2	8 June	Full Test - according to new pattern
3	11 June	Full Test - according to new pattern
4	13 June	Full Test - according to new pattern
5	15 June	Full Test - according to new pattern

We recommend you attempt these mocks seriously under exam-like conditions to maximize the benefit.

Best wishes for your preparation! Let us secure our dream seat in session 2.

Warm regards,
Team Quizrr

#BITSATphodnahai