

DSAT Syllabus

<https://universitypaper.in/>

DSAT Exam Pattern

Name Of Subject	Number Of Marks	Duration Of Time
<p>UG Courses:</p> <ul style="list-style-type: none">• Physics• Chemistry• Mathematics/ Biology• English <p>PG Courses:</p> <ul style="list-style-type: none">• General Knowledge• Aptitude Tes• Reasoning• English	120 Questions	2 Hours (120 Minutes)

DSAT - General Knowledge

- History, Culture, Traditions & Festivals
- Sports
- Basic GK
- Inventions in the World

- Indian Politics

- Indian Culture
- Basic Computer
- Physics
- Indian History
- Indian Economy
- Botany
- Famous Days & Dates
- Famous Books & Authors
- Indian Parliament
- Chemistry
- Geography
- Zoology
- Environment

DSAT - Reasoning

- Puzzles Verbal Reasoning
- Logical Reasoning
- Data Sufficiency
- Non-Verbal Reasoning
- Data Interpretation
- Analytical Reasoning

DSAT - Aptitude

- Areas

- Time and Distance

- Problems on Trains
- Odd Man Out
- Numbers and Ages
- Pipes and Cisterns
- Time and Work Partnership
- Ratio and Proportion
- Simple Interest
- Probability
- Averages
- Problems on L.C.M and H.C.F
- <https://www.freshersnow.com/syllabus/>
- Problems on Numbers
- Compound Interest
- Volumes Profit and Loss
- Races and Games
- Mixtures and Allegations
- Boats and Streams
- Simple Equations
- Quadratic Equations
- Indices and Surds
- Mensuration
- Percentages
- Permutations and Combinations
- Simplification and Approximation

DSAT - English

- Substitution



- Synonyms
- Antonyms
- Sentence Completion
- Prepositions
- Transformation
- Active and Passive Voice
- Spotting Errors
- Passage Completion
- Sentence Arrangement
- Idioms and Phrases
- Sentence Improvement
- Para Completion
- Spelling Test
- Joining Sentences
- Fill in the blanks
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)

DSAT - English

- Synonyms
- Sentence Improvement and Rearrangement,
- Antonyms
- Fill in the blanks
- Analogies

- English Usage Errors
- Idioms and Phrases
- Comprehension



- One-word Substitution

DSAT - Physics

- Physical World and Measurement
- Current Electricity
- Kinematics
- Magnetic effects of current & Magnetism
- Laws of Motion
- Electromagnetic Induction and Alternating Currents
- Work, Energy and Power
- Electromagnetic Waves
- Motion of System of Particles and Rigid body
- Optics
- Gravitation
- Dual Nature of Matter and Radiation
- Properties of Bulk Matter
- Atoms and Nuclei
- Heat and Thermodynamics
- Electronic Devices
- Behaviour of Perfect Gas and Kinetic Theory
- Communication Systems
- Oscillations and Waves

DSAT - Chemistry

- Some basic concepts of Chemistry
- Solutions
- Structure of Atom
- Electrochemistry
- Classification of Elements and Periodicity in Properties
- Chemical Kinetics
- Chemical Bonding and Molecular Structure
- Surface Chemistry
- States of Matter: Gases and Liquids
- General Principles and Processes of Isolation of Elements
- Thermodynamics
- P-Block Elements
- Equilibrium
- D-and f-Block Elements
- Redox Reactions
- Haloalkanes and Haloarenes
- Hydrogen Alcohols, Phenols and Ethers
- S-Block Elements (Alkali and Alkaline earth metals)
- Aldehydes, Ketones and Carboxylic acids
- General Introduction of p-Block Element
- Organic compounds containing Nitrogen
- Some Basic Principles and Techniques of Organic Chemistry
- Biomolecules
- Classification of hydrocarbons

- Polymers
- Environmental pollution
- Chemistry in Everyday life
- Solid State

DSAT - Mathematics

- Sets & Functions
- Coordinate Geometry
- Vectors
- Calculus (I)
- Calculus (II)
- Algebra
- Algebra (II)
- Three-dimensional Geometry
- Mathematical Reasoning
- Linear Programming
- Statistics & Probability (I)
- Probability
- Relations & Functions

DSAT - Biology

- Diversity in Living World
- Sexual Reproduction
- Structural Organisation in Animal and Plants
- Genetics & Evolution
- Cell: Structure & Function

- Biology & Human Welfare
- Plant Physiology
- Biotechnology and its Applications
- Human Physiology

- Ecology & Environment