AIMA UGAT Syllabus

Complete Section-wise Syllabus with Topics, High Weightage Areas and Preparation Tips

At a Glance

Section	Name	Topics
1	**English Language**	14
2	**Numerical and Data Analysis**	13
3	**Reasoning and Intelligence**	18
4	**General Knowledge**	8
	Total topics	53

Overview

The UGAT syllabus is made up of four sections: English Language, Numerical and Data Analysis, Reasoning and Intelligence, and General Knowledge. Together they check a candidate's language skills, quantitative aptitude, logical thinking and awareness of the world around them.

Each section is divided into topics and sub-topics. The pages that follow list every topic with a short note on what to study, followed by the high weightage topics and section-wise preparation tips.

Syllabus Structure

- Section 1: English Language: 14 topics
- Section 2: Numerical and Data Analysis: 13 topics
- Section 3: Reasoning and Intelligence: 18 topics
- Section 4: General Knowledge: 8 topics

Section 1: English Language

Tests command over the language, vocabulary and the ability to understand and correct written English.

No.	Topic	What to Study
1	**Verbal Reasoning**	Logical and language-based reasoning questions that test inference from words and sentences
2	**Sentence Completion**	Choosing the word or phrase that best completes a sentence in meaning and grammar
3	**Fill in the Blanks**	Selecting the correct word, preposition or phrase for the blank space
4	**One Word Substitution**	Replacing a long phrase or description with a single precise word
5	**Contextual Usage**	Understanding how a word is used correctly in a given context
6	**Vocabulary**	Word meanings, word usage and range of words in everyday and formal English
7	**Sentence Correction**	Identifying and correcting errors of grammar, tense, agreement and structure
8	**Idioms**	Meanings and correct usage of common idioms and phrases
9	**Analogies**	Finding the word pair that shares the same relationship as the given pair
10	**Different Usage of the Same Word**	A single word used in different senses, parts of speech or contexts
11	**Jumbled Paragraphs**	Arranging sentences in a logical order to form a coherent paragraph
12	**Foreign Language Words Used in English**	Common words and expressions borrowed from other languages and used in English
13	**Parts of Speech**	Types of parts of speech, their functions and practice questions
14	**Synonyms**	Words with similar meanings and the ability to pick the closest match

Section 2: Numerical and Data Analysis

Tests school-level quantitative aptitude and the ability to interpret and use numerical data.

No.	Topic	What to Study
1	**Geometry**	Lines, angles, triangles, circles, quadrilaterals, areas and perimeters
2	**Work and Time**	Work done, efficiency, combined work, pipes and cisterns
3	**Number System**	Types of numbers, divisibility, factors, remainders and properties of numbers
4	**Percentages**	Percentage change, successive percentages and percentage-based comparison
5	**HCF and LCM**	Highest common factor, lowest common multiple and their applications
6	**Averages**	Simple and weighted averages and changes in average
7	**Algebra**	Algebraic expressions, identities and solving for unknowns
8	**Profit and Loss**	Cost price, selling price, discount, markup and profit percentage
9	**Ratios and Proportion**	Ratios, proportion, variation and sharing in a given ratio
10	**In-equations**	Linear and quadratic inequalities and range of values
11	**Quadratic and Linear Equations**	Solving equations, roots, nature of roots and word problems
12	**Geometric Progression**	Terms, common ratio, nth term and sum of a geometric series
13	**Time-Speed-Distance**	Speed, relative speed, trains, boats and streams and average speed

Section 3: Reasoning and Intelligence

Tests logical thinking, pattern recognition, analysis of arrangements and the ability to evaluate arguments.

No.	Topic	What to Study
1	**Coding and Decoding**	Letter, number and symbol codes and pattern-based decoding
2	**Visual Reasoning**	Figure patterns, series, mirror and water images and spatial relations
3	**Pie Chart**	Reading and interpreting data presented in pie charts
4	**Puzzles**	Logic puzzles with conditions, comparisons and deductions
5	**Arrangement**	Linear and circular seating or ordering based on given clues
6	**Strong Arguments and Weak Arguments**	Judging which argument is strong or weak for a given statement
7	**Multi-dimensional Arrangements**	Arrangements involving more than one attribute, such as person, item and day
8	**Course of Action**	Deciding the appropriate follow-up action for a given situation
9	**Graphs Representing Area**	Interpreting graphs and figures that represent area-based data
10	**Series**	Number and letter series, missing terms and wrong terms
11	**Family Tree**	Relationship diagrams across generations
12	**Numeric Grid**	Finding rules and missing numbers in grids and matrices
13	**Blood Relations**	Deducing relationships between people from given statements
14	**Critical Reasoning**	Assumptions, inferences, strengthening and weakening of arguments
15	**Calendars**	Days, dates, leap years and calendar-based calculations
16	**Statement Conclusions**	Deciding which conclusions follow from the given statements
17	**Column Graphs**	Reading and comparing data from column graphs
18	**Syllogisms**	Deducing valid conclusions from sets of categorical statements

Section 4: General Knowledge

Tests awareness of national and international affairs, economy, history, geography and notable people.

No.	Topic	What to Study
1	**Government and Politics**	Political system, constitution, institutions, government schemes and political events
2	**Famous Personalities**	Leaders, scientists, artists, sportspersons and other well-known people
3	**Business**	Companies, industries, mergers, brands, business news and leadership
4	**Economy**	Basic economic concepts, budget, banking, trade and economic indicators
5	**History**	Ancient, medieval and modern history of India and key world events
6	**Static GK**	Capitals, currencies, national symbols, books and authors, important days
7	**Geography**	Physical, political and economic geography of India and the world
8	**Current Affairs**	Recent national and international events, awards, sports and summits

High Weightage Topics

The topics below deserve the most attention in each section and should be covered first during preparation.

Section	Important Topics
English Language	Reading Comprehension, Sentence Completion and Correction, Vocabulary, Synonyms and Antonyms, One Word Substitution, Idioms and Phrases, Para Jumbles
Numerical and Data Analysis	Percentages, Algebra, Profit and Loss, Ratio and Proportion, Work and Time, HCF and LCM, Geometry, Number System, Graphs and Charts
Reasoning and Intelligence	Coding and Decoding, Syllogisms, Blood Relations, Puzzles, Visual and Non-Verbal Reasoning, Statement and Conclusion
General Knowledge	Current Affairs, Business and Economics, History and Geography, Famous Personalities, Awards and Honours

Section-wise Preparation Tips

English Language

- Read newspapers and editorials daily to build vocabulary and reading speed.
- Keep a running list of new words, idioms and one word substitutions and revise them weekly.
- Practise reading comprehension passages under a timer.
- Revise grammar rules before attempting sentence correction and fill in the blanks.

Numerical and Data Analysis

- Strengthen the basics of Number System, Percentages and Ratio, since many other topics depend on them.
- Memorise tables, squares, cubes and common fractions for faster calculation.
- Practise graph and chart based questions for data interpretation speed.
- Solve topic-wise sets first and move to timed mixed sets later.

Reasoning and Intelligence

- Practise arrangements and puzzles with diagrams and tables.
- Learn standard patterns for coding-decoding, series and syllogisms.
- Draw family trees to solve blood relation questions accurately.
- Solve visual reasoning questions regularly to improve pattern recognition.

General Knowledge

- Follow current affairs from the last several months through a reliable daily source.
- Make short notes on static GK topics such as capitals, currencies and important days.
- Track awards, appointments, summits and sports events.
- Revise business and economy terms and recent developments regularly.

Overall Study Plan

- Cover the full syllabus once, giving extra time to the high weightage topics.
- Practise topic-wise questions and note down weak areas.
- Take full-length timed mock tests and analyse every mistake.
- Use the final days for revision of formulae, vocabulary lists and current affairs notes.