

## UPSC APFC Exam Pattern

Sections	Subjects	No Of Marks	Time Duration	Medium Of The Test
Section A	General English	100 Marks	2 Hours	Hindi & English
Section B	Indian Culture, Heritage and Freedom Movements and Current Events			
	Population, Development, and Globalization			
	Governance and Constitution of India			
	Present trends in the Indian Economy			
	Accounting and Auditing, Industrial Relations, Labor Laws, Insurance			
	Basic knowledge of Computer applications, General Science			
	Elementary Mathematics, Statistics, and General Mental Ability			
	Social Security in India			

## UPSC APFC Syllabus Topics

### Section A: General English

- Idioms & Phrases.
- Tenses.
- Word Formation.
- Fill in the Blanks.
- Synonyms & Antonyms.
- Verb & Adverb.
- Vocabulary.
- Theme detection.
- Articles.
- Sentence Completion.
- Error Correction.
- Conclusion.
- Subject-Verb Agreement.
- Passage Completion.
- Grammar.
- Comprehension.
- Unseen Passages.
- Sentence Rearrangement.

### General Science

- Laws of motion
- Units and measurements
- Thermal properties of matter
- Gravitation
- Kinetic theory
- Wave Optics
- Work, energy, and power
- Physical world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter
- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics
- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons
- P-block elements – group 14 (carbon family)
- Solutions
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and Haloarenes
- General principles of metallurgy
- Organic compounds containing c, h, and o
- P- block elements group 13 (boron family)
- P-block elements
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules

- Solid-state
- States of matter: gasses and liquids
- Chemistry in everyday life

### General Mental Ability

- Analogy
- Classification
- Series
- Coding-Decoding
- Blood Relations
- Direction Sense Test
- Mathematical Operations
- Arithmetical Reasoning
- Logical Venn Diagrams
- Alphabet Test
- Sitting Arrangements
- Inserting the Missing Character
- Number, Ranking, and Time Sequence Test
- Eligibility Test

### Computer Fundamentals

- Basic Concepts
- Operating System
- Cyber Security
- Software Packages
- Spreadsheet
- Working with Internet

### Statistics, Economics, and Mathematics:

- Collection, Classification, Tabulation, and Diagrammatic Presentation of data. Measures of Central Tendency, Dispersion, Moments.
- **Index Number:** Uses, types, and limitations of index numbers, construction of index numbers, simple and weighted aggregate method, Simple and weighted average price-relatives, Chain base index numbers, Base shifting, Cost of Living Index numbers.
- **Design of Sample Survey:** Sampling Unit, Sampling frame, Sampling fraction, Sampling with and without replacement, Population Parameter and Sample estimator, Simple random sampling, stratified random sampling, systematic sampling, cluster sampling.
- **Correlation and Regression:** Correlation and its coefficients, Linear Regression.
- **Time Series Analysis:** Components, Measurements of Trend, Seasonal, Cyclical and irregular variations.

### Section B

- Current Events
- Indian Culture and Heritage
- Freedom Movements of India
- Questions on Population
- Development and Globalization
- Governance and Constitution of India
- Present Trends going on in the Indian Economy
- Accountancy and Auditing
- Industrial Relations and Labor Laws
- Insurance Questions
- Basic Knowledge of Computer Applications
- General Science
- Elementary Mathematics
- Statistics
- General Mental Abilities.

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