

AFCAT EXAM SYLLABUS

General Awareness

History
Sports
Geography
Art and Culture
Current Affairs
Politics
Civics
Environment
Defense
Basic Science

English

Comprehension
Basic Grammar
Fill in the blanks by choosing the appropriate word
Tenses
Error Detection
Sentence Completion
Synonyms and Antonyms
Testing of Vocabulary

Numerical Ability

Decimal and Fraction
Simple Interest & Compound Interest
Time & Distance (Trains/Boats & Streams)
Percentage
Ratio & Proportion
Time and Work
Average
Profit & Loss

Reasoning and Military Aptitude Test:

Odd One Out
Analogy

Venn Diagram
 Pattern Completion
 Dot Situation Analysis
 Blood Relation
 Missing Figures
 Figure Classification
 Coding and Decoding
 Spotting the Embedded Figures
 Sequencing

EKT (only for technical)

Syllabus	Topics
AFCAT EKT Fundamental Engineering Syllabus	Engineering Physics, Engineering Mathematics, and Engineering Drawing
AFCAT EKT Allied Engineering Topics Syllabus	Control Engineering, Telecommunication Systems, Electrical Engineering, Radar Theory, Instrumentation, Antenna, and Wave Propagation, and Microwave Engineering
AFCAT EKT Computer Science Engineering Syllabus	Information Technology, Network Theory Design, Analog, and Digital Electronics, Computer Networks, Switching Theory, and Electronic Devices
AFCAT EKT Mechanical Engineering Syllabus	Thermodynamics, Fluid Mechanics/Hydraulic Machines, Engineering Mechanics, Materials Science, Thermodynamics, Manufacturing Science, and Machine Drawing
AFCAT EKT Electrical & Electronics Engineering Syllabus	Microwave Engineering, Analog, and Digital Electronics, Electronic Devices, Telecommunication Systems, Microwave Engineering, Control Engineering, and Electrical Engineering

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