

AFCAT-II 2021

Detailed Video Discussion

-By Knower Nikhil

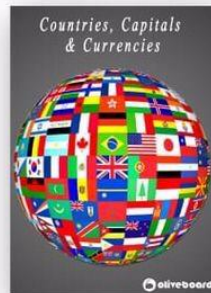
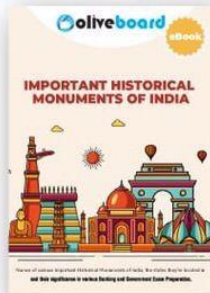
50 GENERAL AWARENESS QUESTIONS



FREE EBOOKS

IBPS RRB PO/CLERK SPECIAL

OUR POPULAR EBOOKS:



DOWNLOAD FOR FREE

AFCAT 2 2021 Important Dates

Subject	Important Date
Starting Date for AFCAT 2 Online Application	01 June 2021
Last Date for AFCAT 2 Registration	30 June 2021 at 5 PM
AFCAT 2 2021 Admit Card Date	09 August 2021
AFCAT 2 2021 Exam Date	28, 29 and 30 August 2021
AFCAT 2021 2 Course Commencement	to be released

Application Fee

Application Fee For AFCAT entry: **Rs. 250/-**

NCC Special & Meteorology Entry : **0/-**

3. **Entry, Branch, Course Number and Vacancies.**

Entry	Branch	PC/ SSC	Course Number	Vacancies*
AFCAT Entry	Flying	SSC for Men & Women	212/22F/SSC/M & W	SSC - 96
	Ground Duty (Technical) {Aeronautical Engineer Electronics and Aeronautical Engineer Mechanical}	PC for Men and Women SSC for Men & Women	211/22T/PC/101AEC/M 211/22T/SSC/101AEC/M & W	AE(L) : PC- 20,SSC-78 AE(M): PC- 08,SSC-31
	Ground Duty (Non-Technical) {Administration & Education}	PC for Men & Women SSC for Men & Women	211/22G/PC/M 211/22G/SSC/M & W	Admin: PC- 10,SSC-42 Edn : PC-04, SSC-17
NCC Special Entry	Flying	PC for Men & Women SSC for Men & Women	212/22F/PC/M and 212/22F/SSC/M & W	10% seats out of CDSE vacancies for PC and 10% seats out of AFCAT vacancies for SSC
Meteorology Entry	Ground Duty (Non-Technical)	PC for Men & Women SSC for Men & Women	211/22G/PC/M 211/22G/SSC/M & W	Meteorology: PC- 06,SSC- 22

Age Criteria

For Flying Branch:

- ▶ Minimum Age: **20 Years**
- ▶ Maximum Age: **24 Years**
- ▶ Candidates born between 02-01-1998 to 01-01-2002 (both dates inclusive)

For Ground Duty (Technical & Non-Technical) Branch:

- ▶ Minimum Age: **20 Years**
- ▶ Maximum Age: **26 Years**
- ▶ Candidates born between 02-01-1996 to 01-01-2002 (both dates inclusive).

Tattoo

Tattoos. The policy on permanent body tattoos is as follows:- (i) Permanent body tattoos are not permitted on any other body part either visible or non-visible part, except on the Inner face of forearms i.e. from inside of the elbow to the wrist of both the hands and Reverse side of the palm / back (dorsal) side of both hands for which a candidate will be required to sign a Self-declaration Certificate. Small innocuous tattoos that are not prejudicial to good order and military discipline, are permitted e.g. religious symbols or names of near and dear ones. (ii) Tribes with tattoo marks on the face or body as per their existing customs and traditions will be permitted on a case to case basis

(c) **Educational Qualifications.**

(i) **Flying Branch.** Candidates should have mandatorily passed with a **minimum** of 50% marks each in Maths and Physics at 10+2 level **and**

(a) Graduation with minimum three years degree course in any discipline from a recognized University with a minimum of 60% marks or equivalent.

OR

(b) BE/B Tech degree (Four years course) from a recognised University with a minimum of 60% marks or equivalent.

OR

(c) Candidates who have cleared Section A & B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India from a recognised University with a minimum of 60% marks or equivalent.

(ii) **Ground Duty (Technical) Branch.**

(aa) **Aeronautical Engineer (Electronics) {AE (L)}**. Candidates with a minimum of 50% marks each in Physics and Mathematics at 10+2 level and a minimum of four years degree graduation/integrated post-graduation qualification in Engineering/ Technology from recognized University **OR** cleared Sections A and B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India or Graduate membership examination of the Institution of Electronics and Telecommunication Engineers by actual studies with a minimum of 60% marks or equivalent in the following disciplines:-

- (aaa) Applied Electronics & Instrumentation.
- (aab) Communication Engineering.
- (aac) Computer Engineering/Technology.
- (aad) Computer Engineering & Application.
- (aae) Computer Science and Engineering/Technology.
- (aaf) Electrical and Computer Engineering.
- (aag) Electrical and Electronics Engineering.
- (aah) Electrical Engineering.
- (aaj) Electronics Engineering/ Technology.
- (aak) Electronics Science and Engineering.
- (aal) Electronics.
- (aam) Electronics and Communication Engineering.
- (aan) Electronics and Computer Science.
- (aao) Electronics and/or Telecommunication Engineering.
- (aap) Electronics and/or Telecommunication Engineering (Microwave).
- (aaq) Electronics and Computer Engineering.
- (aar) Electronics Communication and Instrumentation Engineering.
- (aas) Electronics Instrument & Control.
- (aat) Electronics Instrument & Control Engineering.
- (aau) Instrumentation & Control Engineering.
- (aav) Instrument & Control Engineering.
- (aaw) Information Technology.
- (aax) Spacecraft Technology.
- (aay) Engineering Physics.
- (aaz) Electric Power and Machinery Engineering.
- (aba) Infotech Engineering.
- (abb) Cyber Security.

(ab) **Aeronautical Engineer (Mechanical) {AE (M)}**. Candidates with a minimum of 50% marks each in Physics and Mathematics at 10+2 level **and a minimum** of four years degree graduation/integrated post-graduation qualification in Engineering/Technology from recognised University **OR** cleared Sections A & B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India by actual studies with a minimum of 60% marks or equivalent in the following disciplines:-

- (aaa) Aerospace Engineering.
- (aab) Aeronautical Engineering.
- (aac) Aircraft Maintenance Engineering.
- (aad) Mechanical Engineering.
- (aae) Mechanical Engineering and Automation.
- (aaf) Mechanical Engineering (Production).
- (aag) Mechanical Engineering (Repair and Maintenance).
- (aah) Mechatronics.
- (aaj) Industrial Engineering.
- (aak) Manufacturing Engineering.
- (aal) Production and Industrial Engineering.
- (aam) Materials Science and Engineering.
- (aan) Metallurgical and Materials Engineering.
- (aao) Aerospace and Applied Mechanics.
- (aap) Automotive Engineering.
- (aaq) Robotics
- (aar) Nanotechnology
- (aas) Rubber Technology and Rubber Engineering.

(iii) **Ground Duty (Non-Technical) Branches.**

(aa) **Administration.** Passed 10+2 and Graduate Degree (Minimum three years degree course) in any discipline from a recognised university with a **minimum** of 60% marks or equivalent or cleared section A & B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India from a recognised university with a minimum of 60% marks or equivalent.

(ab) **Education.** Passed 10+2 and Post-Graduation with 50% marks in any discipline including integrated courses offering PG (Single degree without permission to exit and lateral entry) and with 60% marks in Graduation in any discipline.

(iv) **Meteorology.** Passed 10+2 and Post Graduate Degree in any Science stream/ Mathematics/ Statistics/ Geography/ Computer Applications/ Environmental Science/ Applied Physics/ Oceanography/ Meteorology/ Agricultural Meteorology/ Ecology & Environment/ Geo-physics/ Environmental Biology with **minimum** of 50% marks in aggregate of all papers put together (**Provided Maths and Physics were studied at Graduation Level with a minimum of 55% marks in each**).

Exam Pattern

Exam	Chapters	Duration	No. of Questions
AFCAT	a. General Awareness, b. Verbal Ability in English, c. Numerical Ability and d. Reasoning with Military Aptitude Test	02 Hours	100
EKT	Mechanical, Computer Science and Electrical/ Electronics	45 Minutes	50

(iv) **Marking Scheme** is as follows:-

(aa) Three marks will be awarded for every correct answer.

(ab) One mark will be deducted for every incorrect answer.

(ac) No marks for unattempted questions.

(v) Questions will be based on the metric system of Weights & Measures wherever applicable.

(vi) Candidates are required to appear for the Online AFCAT in person. Under no circumstance will any scribe or another candidate be allowed to appear/ assist in the exam.

(vii) Air Force has the discretion to fix qualifying marks in any or all the subjects of the examination.



disha
Publication Inc

Study Guide to

AFCAT 2021

(Air Force Common Admission Test)

Features:

- General Awareness
- Verbal Ability
- (2015-2020) Past Questions included in chapter-wise exercise
- Numerical Ability
- Reasoning & Military Aptitude

Strictly According to Latest Pattern

7th Edition

18 AFCAT

Year-wise (2020-11)

Solved Papers

disha
Nurturing Ambitions



Includes:

- General Awareness
- Numerical Ability
- Verbal Ability
- Reasoning & Military Aptitude

Fully Solved

3rd
Edition

Most Powerful
Handbook for
REASONING



Shortcuts in **REASONING**

(Verbal, Non-Verbal & Analytical)
for Competitive Exams

2nd Edition

- ▶ Banking
- ▶ SSC
- ▶ CSAT
- ▶ Railways
- ▶ MBA
- ▶ Defence



- ▶ Practice Exercise With Solutions
- ▶ Chapter-wise Shortcut Techniques

GENERAL



REASONING ABILITY for Competitive Exams

SSC/ Banking/ Defence/ Railway/ Insurance

Features:

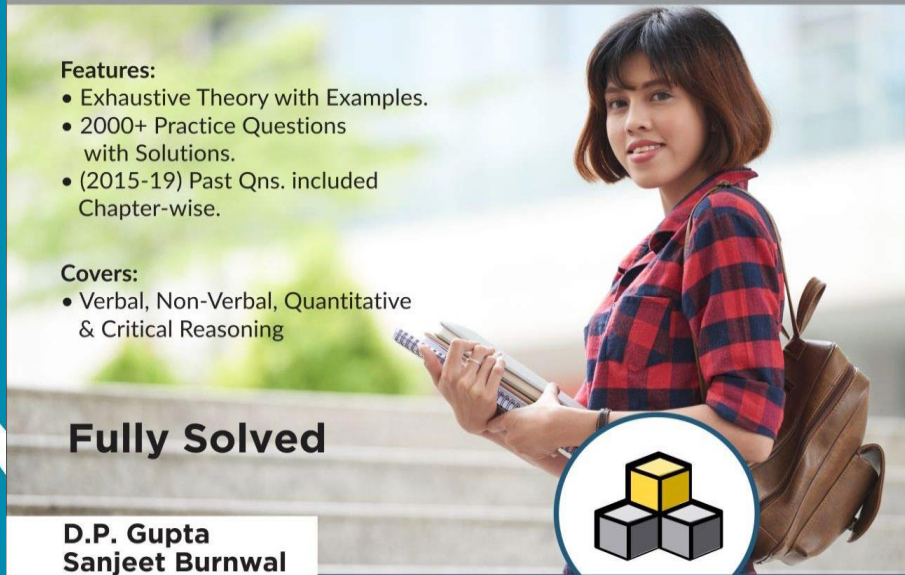
- Exhaustive Theory with Examples.
- 2000+ Practice Questions with Solutions.
- (2015-19) Past Qns. included Chapter-wise.

Covers:

- Verbal, Non-Verbal, Quantitative & Critical Reasoning

Fully Solved

**D.P. Gupta
Sanjeet Burnwal**





COMPLETELY REVISED EDITION

Fast Track OBJECTIVE ARITHMETIC

RBI, SBI & IBPS PO/Clerk
SSC (10+2, CGL, CPO, Multitasking)
LIC AAO/ADO | CDS | IAS CSAT
States' CSAT | CMAT | MAT & Other
Management Entrances
Hotel Management | Railways
Paramilitary Forces | State Police
Recruitments & All Other Entrances,
Recruitments and Aptitude Tests



Rajesh Verma

For Complete Practice and Mastery over Arithmetic



ESSENTIAL ENGLISH

for COMPETITIVE EXAMINATIONS

Grammar, Verbal Aptitude, RC & Parajumbles, Composition

Features

- Divided into 4 parts - 10 Segments & 40 Chapters
- In-depth discussion of each concept
- Simple Classroom Exercises for Concept Testing
- Extensive MCQs for thorough practice of each Topic
- All variants of questions asked on a Topic
- Dedicated Chapters for each Question Pattern
- Previous years' Questions of all Patterns
- Descriptive Composition - Essay, Précis & Letter

5000+
MCQs with
Explanations

Must for
SSC, Banking,
NDA, CDS, RRB,
State PCS, UPSC,
MBA, Insurance, CLAT

2nd
Edition

Dr. Rashmi Singh



<u>English</u>	<u>Numerical Ability</u>	<u>Reasoning and Military Aptitude</u>	<u>General Knowledge</u>
<ol style="list-style-type: none"> 1. Comprehension 2. Error Detection, 3. Synonyms 4. Antonyms and Testing of Vocabulary 5. Sentence Completion/Filling in of correct word 6. Idioms and Phrases 	<ol style="list-style-type: none"> 1. Decimal Fraction 2. Time and Work 3. Average 4. Profit & Loss 5. Percentage 6. Ratio & Proportion 7. Simple Interest 8. Time and Distance (Trains/Boats & Streams). 	<ol style="list-style-type: none"> 1. Verbal Skills 2. Spatial Ability 	<ol style="list-style-type: none"> 1. History 2. Geography 3. Civics 4. Politics 5. Current Affairs 6. Environment 7. Basic Science 8. Defence 9. Art 10. Culture 11. Sports etc.

AFCAT	AFCAT Cut Off	EKT Cut Off
AFCAT (2) 2020	155	40
AFCAT (1) 2019	133	50
AFCAT (2) 2018	140	55
AFCAT (1) 2018	155	60
AFCAT (2) 2017	160	60
AFCAT (1) 2017	150	60
AFCAT (2) 2016	148	60
AFCAT (1) 2016	132	52
AFCAT (2) 2015	144	52
AFCAT (1) 2015	126	55
AFCAT (2) 2014	123	45