

SUBJECT-WISE NDA PREPARATION PLAN (MATHS & GAT) FOR KARNATAKA ASPIRANTS

Cracking the **National Defence Academy (NDA) Exam** requires a focused and structured approach—especially when it comes to **subject-wise preparation**. Since the NDA exam consists of **Mathematics (300 marks)** and **General Ability Test (GAT - 600 marks)**, a balanced and strategic plan is essential.

For students in Karnataka, access to quality coaching and resources—especially in cities like **Bengaluru**—makes it easier to follow a disciplined preparation strategy.

This guide provides a **detailed subject-wise NDA preparation plan** to help you maximize your score.

UNDERSTANDING THE NDA EXAM STRUCTURE

The NDA exam conducted by the **Union Public Service Commission (UPSC)** includes:

1. Mathematics

- Marks: 300
- Questions: 120

2. General Ability Test (GAT)

- Marks: 600
- English: 200
- General Knowledge: 400

☐☐ Total Marks: 900

SUBJECT-WISE PREPARATION PLAN

PART 1: MATHEMATICS PREPARATION STRATEGY

Mathematics is a **high-scoring section** and can significantly improve your rank.

IMPORTANT TOPICS IN NDA MATHEMATICS

- Algebra
- Trigonometry
- Calculus
- Coordinate Geometry
- Statistics

- Probability

STEP-BY-STEP MATHS PREPARATION PLAN

1. Start with NCERT (Class 6-12)

- Build strong fundamentals
- Understand concepts clearly

2. Focus on Concept Clarity

Avoid rote learning. Instead:

- Understand formulas
- Learn application-based solving

3. Daily Practice Routine

- Solve 25-50 questions daily
- Mix easy, moderate, and difficult questions

4. Revise Formulas Regularly

- Maintain a formula notebook
- Revise weekly

5. Solve Previous Year Questions

- Understand exam pattern
- Identify frequently asked topics

6. Time Management Practice

- Attempt questions within time limits
- Improve speed and accuracy

COMMON MISTAKES IN MATHS

- Ignoring basics
- Not practicing regularly
- Poor time management
- Avoiding difficult topics

PART 2: GENERAL ABILITY TEST (GAT) STRATEGY

GAT carries **600 marks**, making it the most important section.

GAT STRUCTURE

1. English (200 Marks)

Topics:

- Grammar
- Vocabulary
- Sentence formation
- Comprehension

Strategy:

- Read newspapers daily
- Practice grammar rules
- Improve vocabulary

2. GENERAL KNOWLEDGE (400 Marks)

SUBJECT-WISE GK PREPARATION

Physics

- Basic concepts (Class 9–12 NCERT)
- Focus on formulas and applications

Chemistry

- Basic reactions and concepts
- Everyday applications

History

- Ancient, Medieval, Modern India
- Focus on key events and timelines

Geography

- Physical geography
- Indian geography

Current Affairs

- Daily news reading
- Monthly current affairs revision

GAT PREPARATION STRATEGY

- Study 2–3 subjects daily

- Use NCERT + standard books
 - Practice MCQs regularly
 - Revise weekly
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DAILY STUDY PLAN (SUBJECT-WISE)

Morning:

- Mathematics (2-3 hours)

Afternoon:

- GAT (Physics/Chemistry/History)

Evening:

- English + Current Affairs

Night:

- Revision + Practice Questions
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WEEKLY PLAN

- 1 Full Mock Test
 - 2 Sectional Tests (Maths + GAT)
 - 1 Day for Revision
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HOW KARNATAKA STUDENTS CAN MAXIMIZE PREPARATION

Students in Karnataka have access to:

- Quality coaching institutes
- Competitive peer groups
- Online + offline learning options
- Affordable resources

Cities like **Bengaluru** provide an ideal environment for disciplined preparation.

ROLE OF MOCK TESTS IN SUBJECT-WISE PREPARATION

Mock tests help in:

- Identifying weak subjects

- Improving speed
- Building exam confidence

☐☐ Recommended:

- 10-15 full-length tests before exam

FINAL REVISION STRATEGY

- Focus on formulas and key concepts
- Revise notes regularly
- Practice previous year questions
- Avoid learning new topics at the last moment

CONCLUSION

A subject-wise strategy is the key to cracking the **National Defence Academy (NDA) Exam**. By balancing **Mathematics and GAT preparation**, maintaining consistency, and practicing regularly, students can significantly improve their chances of success.

Karnataka aspirants have a strong advantage due to access to quality coaching and resources—use it wisely and stay disciplined.

SEO KEYWORDS

- NDA Subject Wise Preparation
- NDA Maths Strategy
- NDA GAT Preparation Plan
- NDA Coaching in Karnataka
- NDA Study Plan India
- NDA Preparation Tips

FREQUENTLY ASKED QUESTIONS (FAQs)

1. Which subject is more important in NDA exam?

GAT carries more marks (600), but Mathematics is scoring—both are equally important.

2. How should I divide time between Maths and GAT?

Spend around **40% time on Maths and 60% on GAT**.

3. Is NCERT enough for NDA preparation?

NCERT is essential for basics, but additional practice is required.

4. How many questions should I practice daily?

Around **50-100 questions** across subjects.

5. How important are mock tests?

Very important for time management, accuracy, and confidence.

6. Can I crack NDA without coaching?

Yes, with self-discipline and proper strategy.

7. How long should I prepare for NDA?

Ideally **6 months to 2 years**, depending on your level.

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