

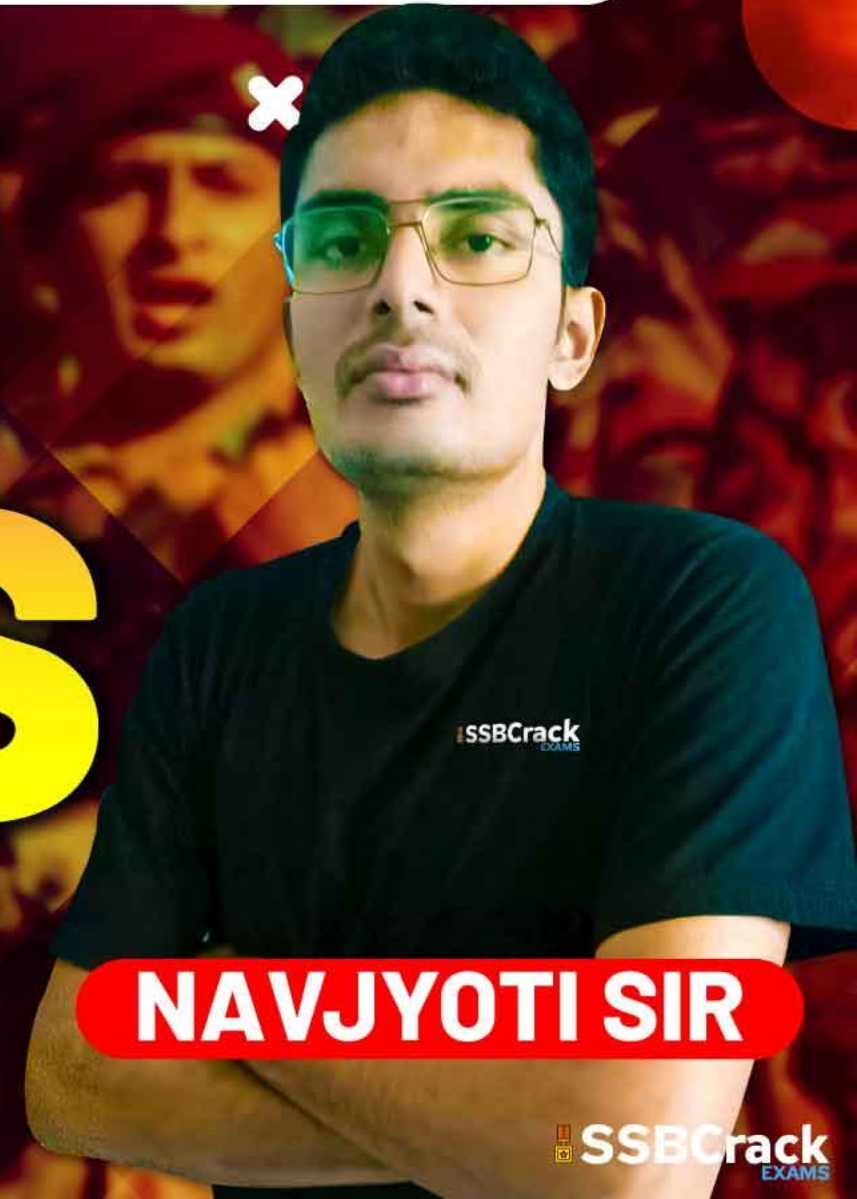
NDA-CDS 1 2025

GSS

LIVE

PHYSICS

STUDY PLAN



NAVJYOTI SIR

SSBCrack
EXAMS



20 Nov 2024 Live Classes Schedule

8:00AM	20 NOVEMBER 2024 DAILY CURRENT AFFAIRS	RUBY MA'AM
9:00AM	20 NOVEMBER 2024 DAILY DEFENCE UPDATES	DIVYANSHU SIR

SSB INTERVIEW LIVE CLASSES

9:30AM	MOCK PERSONAL INTERVIEWS	ANURADHA MA'AM
--------	--------------------------	----------------

NDA 1 2025 LIVE CLASSES

✓ 11:30AM	GK - ECONOMICS - CLASS 3	RUBY MA'AM
✓ 1:00PM	GS - PHYSICS STUDY PLAN	NAVJYOTI SIR
✓ 4:30PM	ENGLISH - PREPOSITIONS & DETERMINERS - CLASS 2	ANURADHA MA'AM
✓ 5:30PM	MATHS - MATRICES & DETERMINANTS - CLASS 2	NAVJYOTI SIR

CDS 1 2025 LIVE CLASSES

11:30AM	GK - ECONOMICS - CLASS 3	RUBY MA'AM
1:00PM	GS - PHYSICS STUDY PLAN	NAVJYOTI SIR
4:30PM	ENGLISH - PREPOSITIONS & DETERMINERS - CLASS 2	ANURADHA MA'AM
✓ 7:00PM	MATHS - SPEED DISTANCE TIME - CLASS 2	NAVJYOTI SIR



NDA 1 2025 Exam Pattern

Code	Subject		No. of Questions	Total Marks	Correct Answer	Wrong Answer
01	Mathematics (Paper 1)		120	300	2.5 ✓	0.83 ✓
02	General Ability Test (Paper 2)	English	50	200	4	1.33
		GK	100	400		
	TOTAL		270	900		

- No marks for unattempted questions.
- All are objective type questions only.

Marking System in NDA 1 2025 GAT

Physics Section

- Total no. of Questions = 20 – 22 / 100
- Total no. of Marks = 80 - 84 marks
- 1 Question = 4 marks ✓
- Negative marking = 1.33 marks for every incorrect answer

CDS 1 2025 Exam Pattern

- For Admission to Indian Military Academy, Indian Naval Academy, and Air Force Academy:

PAPE R	SUBJECT	DURATION	QUESTIONS	MARKS
I	English	2 Hours	120	100
II	General Knowledge	2 Hours	120	100
III	Elementary Mathematics	2 Hours	100	100

- For Admission to Officers' Training Academy:

PAPE R	SUBJECT	DURATION	QUESTIONS	MARKS
I	English	2 Hours	120	100
II	General Knowledge	2 Hours	120	100

CDS 1 2025 Marking Scheme

SUBJECT	NO. OF QUESTIONS	TOTAL MARKS	CORRECT ANSWER	WRONG ANSWER
English	120 ✓	100 ✓	0.83 Marks	0.27 Marks
General Knowledge	120 ✓	100 ✓		
Elementary Mathematics	100	100	1 Mark	0.33 Marks
TOTAL	340	300		

Marking System in CDS 1 2025 GK Paper- Physics Section

- Total no. of Questions = **9 – 11 / 120**
- Total no. of Marks = **10.8 – 13.2 marks**
- 1 Question = **0.83 marks**
- Negative marking = **0.27 marks for every incorrect answer**

NDA - CDS 1 2025 PHYSICS SYLLABUS

- Units and Dimensions
- # • Reflection of Light
- # • Refraction of Light
- # • Human Eye and the Colourful World
- # • Waves
- Motion
- # • Force and Laws of Motion
- # • Work Energy and Power
- Rotational Motion
- # • Gravitation
- Hydrostatics
- # # • Electricity
- # • Magnetism
- Miscellaneous Topics

UNITS AND DIMENSIONS

- Fundamental and Derived Quantities
- Length, Mass and Time – practical units
- least count, accuracy, precision
- Dimensional formula

OPTICS

→ important topic

Reflection

Refraction

Human eye and colourful world

→ 6-7 questions out of 20-22.

Power of lens

Atmospheric refraction,

WAVES

- sound waves ✓
- Electromagnetic waves ✓
- Wave phenomena

MECHANICS

→ very important topic.

→ 8-10 questions out of 20-22.

→ Recently conceptual → numerical based (NDA Exam)

* Motion

* Force and laws of motion

* Work, Energy and Power

* Gravitation

* Hydrostatics - (Fluid at rest)

* Rotational motion -

MISCELLANEOUS TOPICS

- Oscillations

– Time period of pendulum – factors

- Heat Transfer

conduction, convection, radiation ; specific heat, latent heat

- Modern Physics – Nucleus and Radioactivity

Nuclear reactor – parts fission and fusion processes

NDA CDS 1 2025 – PHYSICS - Live Classes

TOPICS	NO. OF CLASSES
UNITS AND DIMENSIONS	2
REFLECTION OF LIGHT	2
REFRACTION OF LIGHT	2
HUMAN EYE AND COLOURFUL WORLD	2
MOTION	2
FORCE AND LAWS OF MOTION	2
WORK ENERGY AND POWER	2

1 class – Theory
1 class – solving MCQs

NDA CDS 1 2025 – PHYSICS - Live Classes

TOPICS	NO. OF CLASSES
GRAVITATION & HYDROSTATICS	3
ELECTRICITY	3
MAGNETISM	2
MISCELLANEOUS TOPICS	4

Tips to Remember

- Concepts and formulae are the most important features in Physics. Understanding is important. Visualisation helps.
- Solve as many Previous years papers as possible you can and that too in a time-bound fashion. This will help you to manage your time during the exams. *(will also be discussed in live classes)*
- Make your own notes. Revision happens best through one's own notes.
- Take NDA - Mock Tests without fail. *{ strengths, weaknesses, Timely revision,*

Tips to Remember

- Recently questions are being asked combining some static portions.
- Make a formula chart for quick revisions.
- Don't forget to take breaks once in a while!

combine with
current - affairs,

class timing : 1 PM - 2 PM (Mon - Fri)

Doubts → discussion box →

} NDA / 2025 Live batch
CDS 1 2025 " "

navjyoti@ssbcrackexams.com

NDA-CDS 1 2025

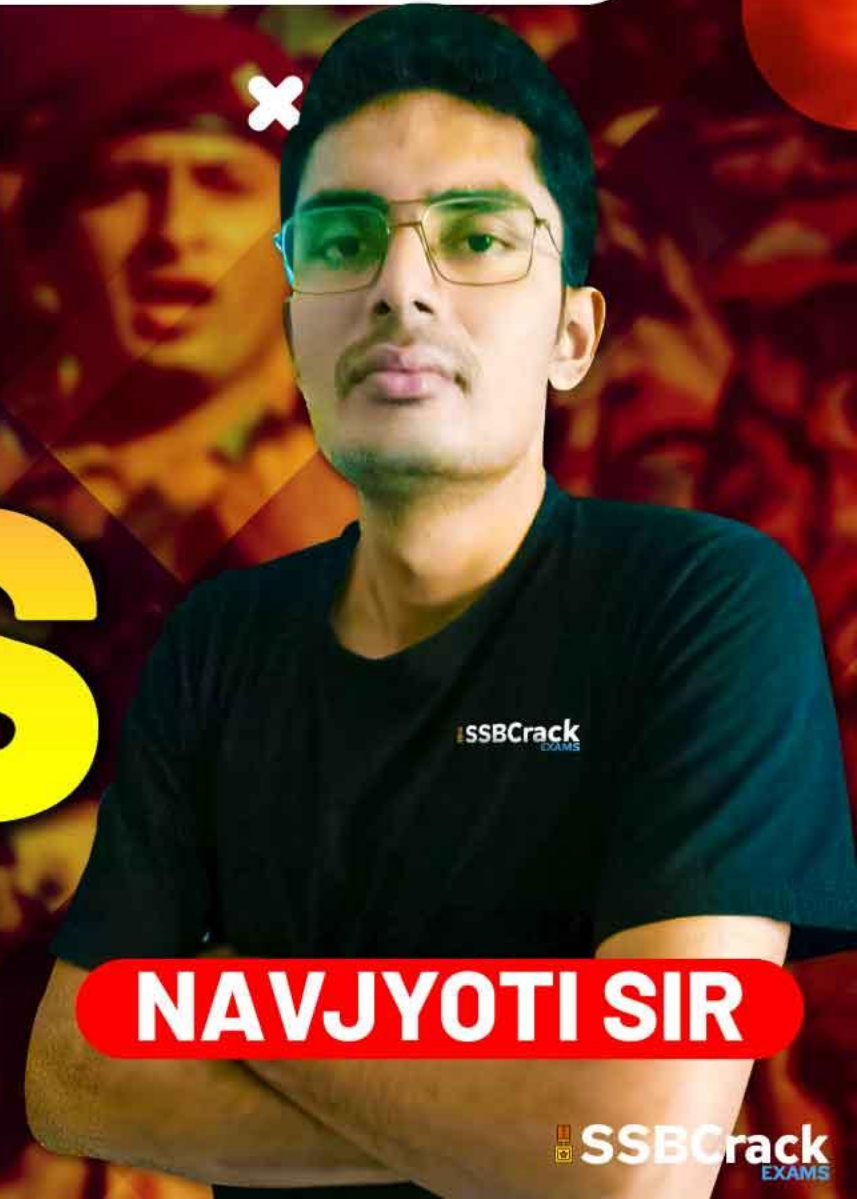
GSS

LIVE

PHYSICS

UNITS & DIMENSIONS

CLASS 1



NAVJYOTI SIR

SSBCrack
EXAMS