

GATE Previous year questions are arranged into three categories

- Year-wise
- Subject-wise
- Topic-wise

Year-wise (2007 to 2025) total 19 years papers

Subject wise and Topic wise tests list are given below

Aerodynamics	
Subject wise	Topic wise
Aerodynamics Test-1	Gas Dynamics Test-1
Aerodynamics Test-2	Gas Dynamics Test-2
Aerodynamics Test-3	Gas Dynamics Test-3
Aerodynamics Test-4	Gas Dynamics Test-4
Aerodynamics Test-5	Fluid Mechanics Test-1
Aerodynamics Test-6	Fluid Mechanics Test-2
Aerodynamics Test-7	Fluid Mechanics Test-3
Aerodynamics Test-8	Fluid Mechanics Test-4
Aerodynamics Test-9	Core Aerodynamics Test-1
Aerodynamics Test-10	Core Aerodynamics Test-2
	Core Aerodynamics Test-3
	Core Aerodynamics Test-4
	Airfoil Nomenclature & High Lift devices

Propulsion	
Subject wise	Topic wise
Jet Propulsion Test-1	Jet Engine Performance Test-1
Jet Propulsion Test-2	Jet Engine Performance Test-2
Jet Propulsion Test-3	Jet Engine Performance Test-3
Jet Propulsion Test-4	Jet Engine Performance Test-4
Jet Propulsion Test-5	Combustion Test-1
Jet Propulsion Test-6	Combustion Test-2
Jet Propulsion Test-7	Axial Flow Compressor Test-1
Jet Propulsion Test-8	Axial Flow Compressor Test-2

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Jet Propulsion Test-9	Centrifugal Compressor Test-1
Jet Propulsion Test-10	Turbine Test-1
	Basics from Jet pyq
	Rocket Propulsion-1
	Rocket Propulsion-2
	Rocket Propulsion-3

Structures	
Subject wise	Topic wise
Structures Test-1	Stress-Strain Test-1
Structures Test-2	Stress-Strain Test-2
Structures Test-3	Core Stress-Strain Test-1
Structures Test-4	Core Stress-Strain Test-2
Structures Test-5	Buckling & Truss Test-1
Structures Test-6	SFD BMD & Deflection Test-1
Structures Test-7	Failure Theory Test-1
Structures Test-8	Torsion Test-1
Structures Test-9	Core Torsion & Bi-Directional Bending Test-1
Structures Test-10	Core Torsion & Bi-Directional Bending Test-2
	Vibrations Test-1
	Vibrations Test-2
	Vibrations Test-3
	Vibrations Test-4

Mathematics	
Subject wise	Topic wise
Mathematics Test-1	Linear Algebra Test-1
Mathematics Test-2	Linear Algebra Test-2
Mathematics Test-3	Differential Equation Test-1
Mathematics Test-4	Differential Equation Test-2
Mathematics Test-5	Calculus Test-1
Mathematics Test-6	Calculus Test-2
Mathematics Test-7	Calculus Test-3
Mathematics Test-8	Calculus Test-4
Mathematics Test-9	Numerical Method Test-1
Mathematics Test-10	Laplace, complex, Fourier, Probability Test-1

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Flight Mechanics	
Subject wise	Topic wise
Flight Mechanics Test-1	Aircraft Performance Test-1
Flight Mechanics Test-2	Aircraft Performance Test-2
Flight Mechanics Test-3	Aircraft Performance Test-3
Flight Mechanics Test-4	Aircraft Performance Test-4
Flight Mechanics Test-5	Aircraft Performance Test-5
Flight Mechanics Test-6	Aircraft Performance Test-6
Flight Mechanics Test-7	Aircraft Stability Test-1
Flight Mechanics Test-8	Aircraft Stability Test-2
Flight Mechanics Test-9	Aircraft Stability Test-3
Flight Mechanics Test-10	Aircraft Stability Test-4

Aptitude
Subject wise
Aptitude GATE 2010
Aptitude GATE 2011
Aptitude GATE 2012
Aptitude GATE 2013
Aptitude GATE 2014
Aptitude GATE 2015
Aptitude GATE 2016
Aptitude GATE 2017
Aptitude GATE 2018
Aptitude GATE 2019
Aptitude GATE 2020
Aptitude GATE 2021
Aptitude GATE 2022
Aptitude GATE 2023
Aptitude GATE 2024
Aptitude GATE 2025

Space Mechanics
Subject wise
Space Mechanics Test-1
Space Mechanics Test-2
Space Mechanics Test-3

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GAA Tests

Aerodynamics	
Topic-wise Test	Introduction basic Test level-1
	Introduction basic Test level-2
	Gas dynamics Basic concepts
	Gas dynamics basic 1 D flow
	Normal shock
	Oblique shock and Expansion fan
	Rayleigh and Fanno Flow
	Complete Gas dynamics Test-1
	Properties of Fluid
	Fluid Mechanics Test-1
	Fluid Mechanics Test-2
	Complete Gas dynamics Test-2
	Non-dimensional Analysis
	Airfoil Nomenclature
	Core Aerodynamics
Subject-wise Test	Complete Aerodynamics test-1
	Complete Aerodynamics test-2
Multiple subject Test	Aerodynamics & structures Test-1
	Aerodynamics & structures Test-2

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Structures	
Topic-wise Test	Stress-strain Test-1
	Stress-strain Test-2
	Shear Force & Bending Moment diagram
	Moment of inertia and Centroid
	Deflection
	Column
	Failure Theory
	Vibrations test-1
	Vibrations test-2
	Vibrations PA Test-1
	Vibrations PA Test-2
	Vibrations PA Test-3
Subject-wise Test	Structures test-1
Multiple subject Test	Vibrations & Gas dynamics

Propulsion	
Topic-wise Test	Basic Thermodynamics-1
	Basic Thermodynamics-2
	Basic Thermodynamics-3
	Basic Thermodynamics-4
	Compressor -1
	Compressor -2
	Jet Engine Performance
	Combustion
Subject-wise Test	Propulsion Test-1
	Propulsion Test-2
Multiple subject Test	Propulsion & Gas dynamics Test-1
	Propulsion & Gas dynamics Test-2

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Mathematics	
Topic-wise Test	Linear Algebra Test-1
	Linear Algebra Test-2
	Linear Algebra Test-3
	Linear Algebra Test-4
	Linear Algebra Test-5
	Differential Equations Test-1
	Differential Equations Test-2
	Differential Equations Test-3
	Laplace Transform Test-1
	Laplace Transform Test-2
	Calculus Test-1
	Calculus Test-2
	Calculus Test-3
	Numerical Methods Test-1
	Numerical Methods Test-2
Subject-wise Test	Mathematics Test-1
	Mathematics Test-2
	Mathematics Test-3
Multiple subject Test	

Space Mechanics	
Subject-wise Test	Space Mechanics Test-1
	Space Mechanics Test-2
	Space Mechanics Test-3
	Space Mechanics Test-4

Flight Mechanics	
Subject-wise Test	Performance Test-1
	Performance Test-2
	Stability Test-1
	Stability Test-2

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General Aptitude	
Topic-wise Test	Percentage Test-1
	Percentage Test-2
	Averages Test-1
	Averages Test-2
	LCM-HCF Test-1
	LCM-HCF Test-2
	SI @ CI Test-1
	SI @ CI Test-2
	Time and work Test-1
	Time and work Test-2
	Partnership Test-1
	Time and Distance Test-1
	Time and Distance Test-2
	Mensuration Test-1
	Mensuration Test-2
Subject-wise Test	Ratio and Proportion Test-1
	Ratio and Proportion Test-2
	Profit and Loss Test-1
	Profit and Loss Test-2
	Number systems Test-1
	Number systems Test-2
	Allegations and mixtures Test-1
	Allegations and mixtures Test-2
	Aptitude Test-1
	Aptitude Test-2
Multiple subject Test	Aptitude Test-3

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Grand Tests
Aerospace Engineering Test-1
Aerospace Engineering Test-2
Aerospace Engineering Test-3
Aerospace Engineering Test-4
Aerospace Engineering Test-5
Aerospace Engineering Test-6
Aerospace Engineering Test-7
Aerospace Engineering Test-8
Aerospace Engineering Test-9
Aerospace Engineering Test-10
Aerospace Engineering Test-11
Aerospace Engineering Test-12
Aerospace Engineering Test-13
Aerospace Engineering Test-14

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