

## GATE 2024

### Topic Wise tests

#### Aerodynamics

Topic Name	No of Tests	No of questions
Properties of Fluid	1	15
Non-dimensional Analysis	1	15
Flow kinematics	1	15
Potential flow	1	15
Boundary layer theory	1	15
Viscous Flow	1	15
Airfoil nomenclature	1	15
Core Aerodynamics	1	15
1D Flow	1	15
Normal shock	1	15
Oblique shock and expansion fan	1	15
Rayleigh and fanno flow	1	15
Complete gas dynamics	2	15
Fluid mechanics	2	15

### Subject Wise tests

#### Aerodynamics

Topic Name	No of Tests	No of questions
Aerodynamics	2	20

### Mixed Subject tests

#### Aerodynamics

Topic Name	No of Tests	No of questions
Aerodynamics & structures	2	20



## GATE 2024

### Topic Wise tests

#### Propulsion

Topic Name	No of Tests	No of questions
Basic Thermodynamics	4	15
Axial flow compressor	2	15
Centrifugal compressor	1	15
Combustion	1	15
Jet engine performance	1	15
Turbine	1	15
Rocket Propulsion	1	15
Heat transfer	1	15

### Subject Wise tests

#### Propulsion

Topic Name	No of Tests	No of questions
Propulsion	2	20

### Mixed Subject tests

#### Propulsion

Topic Name	No of Tests	No of questions
Propulsion & gas dynamics	2	20



## GATE 2024

### Topic Wise tests

#### Structures

Topic Name	No of Tests	No of questions
Stress strain	2	15
Bending Moment and MOI	1	15
SFD/BMD	1	15
Deflection	1	15
Buckling of column	1	15
Failure Theory	1	15
Vibrations	2	15

### Subject Wise tests

#### Structures

Topic Name	No of Tests	No of questions
Aircraft Structures	2	20

### Mixed Subject tests

#### Structures

Topic Name	No of Tests	No of questions
Strength of materials & Fluid mechanics	2	20
Vibrations and Thermodynamics	1	20



## GATE 2024

### Topic Wise tests

#### Mathematics

Topic Name	No of Tests	No of questions
Linear Algebra	4	15
Differential Equations	4	15
Calculus	4	15
Laplace Transforms	2	15
Probability	2	15
Complex Numbers	2	15
Numerical Methods	2	15

### Subject Wise tests

#### Mathematics

Topic Name	No of Tests	No of questions
Mathematics	3	20

### Mixed Subject tests

#### Mathematics

Topic Name	No of Tests	No of questions
Mathematics & Aptitude	3	20



## GATE 2024

### Topic Wise tests

#### Aptitude

Topic Name	No of Tests	No of questions
Number System	2	15
Percentage	2	15
SI and CI	2	15
Averages	2	15
Ratio and Proportion	2	15
Mixture and Alligation	2	15
Time and work	2	15
Time and Distance	2	15
Blood Relationship	2	15
Coding and Decoding	2	15
Direction sense	2	15
Data Interpretation	4	15
Paper cutting, folding, mirror images	2	15

### Subject Wise tests

#### Aptitude

Topic Name	No of Tests	No of questions
Aptitude	3	20



## GATE 2024

### Topic Wise tests

#### Flight Mechanics

Topic Name	No of Tests	No of questions
Basics of FM	2	15
Aircraft Performance	2	15
Aircraft stability	2	15

### Subject Wise tests

#### Flight Mechanics

Topic Name	No of Tests	No of questions
Flight Mechanics	2	20

### Mixed Subject tests

#### Flight Mechanics

Topic Name	No of Tests	No of questions
Flight Mechanics & Space Mechanics	2	20



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Test series program  
Postal program

## GATE 2024

### Topic Wise tests

#### Space Mechanics

Topic Name	No of Tests	No of questions
Basics of Space Mechanics	2	15
Core Space Mechanics	2	15

### Subject Wise tests

#### Space Mechanics

Topic Name	No of Tests	No of questions
Space Mechanics	2	10



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## GATE 2024

### TOTAL TESTS

#### ALL SUBJECTS

Subject Name	Topic Wise test	Subject Wise test	Mixed Subject test	Grand Test	Total TESTS
Aerodynamics	16	2	2		20
Propulsion	12	2	2		16
Structures	9	2	3		14
Mathematics	20	3	3		26
Aptitude	28	3			31
Flight Mechanics	6	2	2		10
Space Mechanics	4	2			6
<b>Total TESTS</b>	<b>95</b>	<b>16</b>	<b>12</b>	<b>10</b>	<b>133</b>

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