

## 4.2. GATE 2025 Test Papers

GATE 2025 will be conducted for **30 test papers (subjects)**. Table 4 shows the list of test papers and codes for GATE 2025. A candidate is allowed to appear in ONE or TWO test papers. However, the combination of two test papers must be chosen from the list given in Table 5. Also note that for a paper conducted in multiple sessions, a candidate will be mapped to appear for the examination in one of the sessions ONLY.

**Table 4: List of GATE 2025 test papers and their corresponding codes**

Test Paper	Code	Test Paper	Code
Aerospace Engineering	AE	Geology and Geophysics	GG###
Agricultural Engineering	AG	Instrumentation Engineering	IN
Architecture and Planning	AR <sup>#</sup>	Mathematics	MA
Biomedical Engineering	BM	Mechanical Engineering	ME
Biotechnology	BT	Mining Engineering	MN
Civil Engineering	CE	Metallurgical Engineering	MT
Chemical Engineering	CH	Naval Architecture and Marine Engineering	NM
Computer Science and Information Technology	CS	Petroleum Engineering	PE
Chemistry	CY	Physics	PH
Data Science and Artificial Intelligence	DA	Production and Industrial Engineering	PI
Electronics and Communication Engineering	EC	Statistics	ST
Electrical Engineering	EE	Textile Engineering and Fibre Science	TF
Environmental Science & Engineering	ES	Engineering Sciences	XE*
Ecology and Evolution	EY	Humanities & Social Sciences	XH**
Geomatics Engineering	GE##	Life Sciences	XL***

*XE Paper Sections	Code	**XH Paper Sections	Code	***XL Paper Sections	Code
Engineering Mathematics (Compulsory) (15 marks)	A	Reasoning and Comprehension (Compulsory) (25 marks)	B1	Chemistry (Compulsory) (25 marks)	P
Any TWO optional sections (2x35 = 70 marks)		Any ONE optional section (60 marks)		Any TWO optional sections (2x30 = 60 marks)	
Fluid Mechanics	B	Economics	C1	Biochemistry	Q
Materials Science	C	English	C2	Botany	R
Solid Mechanics	D	Linguistics	C3	Microbiology	S
Thermodynamics	E	Philosophy	C4	Zoology	T
Polymer Science and Engineering	F	Psychology	C5	Food Technology	U
Food Technology	G	Sociology	C6		
Atmospheric and Ocean Sciences	H				

#AR Paper Sections	##GE Paper Sections	###GG Paper Sections
Part-A (Compulsory)	Part-A (Compulsory)	Part-A (Compulsory)
Part-B1 (Architecture)	Part-B1 (Surveying and Mapping)	Part-B1 (Geology)
Part-B2 (Planning)	Part-B2 (Image Processing and Analysis)	Part-B2 (Geophysics)

\*XE (Engineering Sciences), \*\*XH (Humanities & Social Sciences), \*\*\*XL (Life Sciences), papers are of general nature and will be comprised of Sections listed in the above table.