

GST'18

Syllabus of Scholarship Test

1) B.Tech

ENGLISH (Marks-10)

Pronouns, conjunctions, determiners, tenses, question framing, comprehension, nouns, adjectives, articles, prepositions, synonyms, antonyms, one word substitution, words often confused, common errors, Prefix, Suffix

Maths (Marks 10)

Sets and Functions, Algebra, Co-ordinate Geometry, Calculus, Mathematical Reasoning, Statistics and Probability, Relations and functions, Vectors

Physics (Marks 15)

Kinematics, Laws of motion, work, Power and energy, Gravitation, Properties of matter, Thermodynamics, Waves and oscillation, Electrostatics, Magnetostatics, Optics, Electronic devices

Chemistry (Marks 15)

Structure of atom, Chemical bonding and molecular structure, States of Matter: Gases and Liquids, Thermodynamics, Equilibrium, Organic Chemistry – Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry, Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and Processes of Isolation of Elements, p-Block Elements, Coordination Compounds, Alcohols, Phenols and Ethers, Organic Compounds Containing Nitrogen, Polymers, Biomolecules

2) B.Tech Lateral Entry

GENERAL ENGLISH (Marks-5)

Pronouns, conjunctions, determiners, tenses, question framing, comprehension, nouns, adjectives, articles, prepositions, synonyms, antonyms, one word substitution, words often confused, common errors

GENERAL Maths (Marks 5)

Sets and Functions, Algebra, Co-ordinate Geometry, Calculus, Mathematical Reasoning, Statistics and Probability, Relations and functions, Vectors

GENERAL Physics (Marks 5)

Kinematics, Laws of motion, work, Power and energy, Gravitation, Properties of matter, Thermodynamics, Waves and oscillation, Electrostatics, Magnetostatics, Optics, Electronic devices

Technical subject (Marks 30)

Thorough knowledge of concerned subject studied at diploma level

3). BBA/BCA

English (Marks 15)

Pronouns, conjunctions, determiners, tenses, question framing, comprehension, nouns, adjectives, articles, prepositions, synonyms, antonyms, one word substitution, words often confused, common errors

General Maths (Marks 10)

Calculus, Vector and 3 dimensional geometry, Algebra, Coordinate geometry, Trigonometry

Basic Computers (Marks 15)

Fundamental of Computer, Operating System, Internet, Computer Network.

General Awareness (Marks 10)

Current Affairs, Sports, Indian History, Culture, Economy, Important Dates

4). Diploma/Diploma Lateral Entry

General English (Marks 15)

Pronouns, conjunctions, determiners, tenses, question framing, comprehension, nouns, adjectives, articles, prepositions, Verbs, modal, synonyms, antonyms, Prefix, Suffix

General Maths (Marks 15)

Number system, Algebra, Geometry, Trigonometry, Statics, Probability, Mensuration

General Science (Marks 20)

Chemical substances, World of living, Natural phenomena, Effect of current, natural Resources, Matter, Motion, Work, Force, food, Food production.

Syllabus and Marks						
Sr. No.	Diploma/Diploma (LEET)	B.Tech.	B.Tech (LEET)	BBA/BCA	MBA	M.Tech
1	General English (15 Marks)	English (10 Marks)	General English (5 Marks)	English (15 Marks)	As per MAT Syllabus	AS per Net / Gate Syllabus
2	General Maths (15 Marks)	Maths (10 Marks)	General Maths (5 Marks)	General Maths (10 Marks)		
3	General Science (20 Marks)	Physics (15 Marks)	General Physics (5 Marks)	Basic Computers (15 marks)		
4	----- ----- ----- -----	Chemistry (15 Marks)	Technical Subjects (35 Marks)	General Awareness (10 Marks)		
	Total : 50 Marks	Total : 50 Marks	Total : 50 Marks	Total : 50 Marks		