

GANGA TECHNICAL CAMPUS
School of Engineering & Technology | School of Diploma Engineering
GENERAL GUIDELINES
ONLINE ADMISSION CUM 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 10)

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

Chemistry (Marks 5)

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

General Computer (Marks 5)

General Knowledge (Marks 5)

Reasoning (Marks 5)

Verbal, Non-verbal

2). BBA/BCA/B.Voc

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 15)

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

Basic Computers (Marks 10)

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

General Awareness (Marks 10)

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

3). Diploma

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.

Marks Distribution for GST-2020			
Sr. No.	Diploma	B.Tech.	BBA/BCA/B.Voc.
1	General English (15 Marks)	English (10 Marks)	English (15 Marks)
2	General Maths (15 Marks)	Maths (10 Marks)	General Maths (15 Marks)
3	General Science (20 Marks)	Physics (10 Marks)	Basic Computers (10 marks)
4	----- -----	Chemistry (05 Marks)	General Awareness (10 Marks)
5	----- -----	Computers (05 Marks)	----- -----
6	----- -----	Bio (05 Marks)	----- -----
7	----- -----	Logical Reasoning (05 Marks)	----- -----
	Total : 50 Marks	Total : 50 Marks	Total : 50 Marks