

GUJCET

GUJCET Exam Pattern 2021

Name of the Subject	Number Of Marks	Duration Of the Test
Physics	40	3 Hours (180 Minutes)
Chemistry	40	
Mathematics/ Biology	40	
Total	120	

Chemistry Syllabus

- Solid State
- Polymers
- Solutions
- Chemical Kinetics
- Aldehydes, Ketones and Carboxylic Acids
- d and f Block Elements
- Haloalkanes and Haloarenes
- Coordination compounds

- Surface Chemistry
- Electrochemistry
- Chemistry in everyday life.
- General Principles and processes of isolation of elements
- <https://www.freshersnow.com/syllabus/>
- p- Block Elements
- Alcohols, Phenols, and Ethers
- Organic Compounds containing nitrogen
- Biomolecules

Physics Topics Syllabus

- Electromagnetic induction and alternating currents
- Electrostatics
- Dual nature of matter and radiation
- Atoms and Nuclei
- Current Electricity
- Communication systems
- Magnetic Effects of Current and Magnetism
- Electromagnetic waves
- Optics
- Electronic Devices

Biology Syllabus



- Reproduction
- Structural Organization in animals and plants
- Plant Physiology
- Ecology and its environment
- Human Physiology
- Genetics and Evolution
- Biology and Human Welfare
- Diversity in Living World
- Cell Structure and Function
- Biotechnology and its application

Biotechnology Syllabus

- Protein and Gene Manipulation
- Cell and Development
- Biomolecules
- Genetics and Molecular Biology
- Cell Culture and Genetic Manipulation

Mathematics

- Indefinite Integration
- Theory of Equations
- Three Dimensional Geometry
- Vectors

- Limit
- Matrices Determinants



- Permutation & Combination
- Probability
- Sets, Relations & Functions
- Complex Numbers
- Definite Integration