

## **GUJCET Exam Pattern 2021**

<b>Particulars</b>	<b>Details</b>
Mode of Exam	Offline (Pen and Paper Based Test)
Duration	3 hours <ul style="list-style-type: none"><li>• Physics &amp; Chemistry - 120 minutes</li><li>• Mathematics - 60 minutes</li></ul>
Medium	English/Hindi/Gujarati
Sections	<ul style="list-style-type: none"><li>• <b>Mathematics - 40 questions</b></li><li>• <b>Physics - 40 questions</b></li><li>• <b>Chemistry - 40 questions</b></li></ul>
Type of Questions	Objective. Multiple Choice Questions
Number of Questions	120 questions
Marking Scheme	1 mark for every correct answer
Negative Marking	0.25 marks will be deducted for every wrong answer

## GUJCET 2021 Syllabus

Sections	Topics
<b>Physics</b>	<ul style="list-style-type: none"><li>• Electric Charge &amp; Electric Field</li><li>• Electrostatic Potential &amp; Capacitance</li><li>• Current Electricity, Magnetic Effect of Electric Current</li><li>• Magnetism &amp; Matter</li><li>• Electromagnetic Induction</li><li>• Alternating Current</li><li>• Electromagnetic Waves</li><li>• Ray Optics</li><li>• Wave Optics</li><li>• Dual Nature of Radiation &amp; Matter</li><li>• Atoms</li><li>• Nucleus</li><li>• Semiconductor</li><li>• Electronics</li><li>• Communication System</li></ul>
<b>Chemistry</b>	<ul style="list-style-type: none"><li>• Solid State</li><li>• Solutions</li><li>• Electro-chemistry</li><li>• General Principles and Processes of Isolation of Elements</li></ul>

## Mathematics

- P-Block Elements – II
- HaloAlkanes and HaloArenes
- Alcohol
- Phenols and Ethers
- Chemical Kinetics
- Surface Chemistry
- f Block Elements
- Complex Salts or Coordination Compound
- Aldehydes
- Ketones and Carboxylic Acids
- Organic Compounds Containing Nitrogen
- Biomolecules
- Polymers
- Chemistry in Everyday Life
  
- Complex Numbers
- Definite Integration
- Indefinite Integration
- Limit
- Matrices Determinants
- Permutation & Combination
- Probability,
- Sets, Relations & Functions
- Theory of Equations, Three Dimensional Geometry, Vectors