

Question Paper Section	Syllabus: For B.E./ B.Tech positions
Section 1	<p>MCQ on <b>General Engineering (covering common Engineering subjects - irrespective of disciplines)</b></p> <ol style="list-style-type: none"> <li>1. <b>Mathematical Foundation:</b> Focuses on the "language" of engineering, including Calculus, Linear Algebra, and Differential Equations.</li> <li>2. <b>Physical Sciences:</b> Covers Engineering Physics (optics, electromagnetism) and Engineering Chemistry (thermodynamics, material properties).</li> <li>3. <b>Fundamental Engineering:</b> <ol style="list-style-type: none"> <li>a. <b>Mechanics:</b> Statics and Dynamics (how forces affect objects).</li> <li>b. <b>Thermodynamics &amp; Fluids:</b> Heat transfer and how liquids/gases move.</li> <li>c. <b>Electronics &amp; Electrical:</b> Circuit theory and signal processing.</li> <li>d. <b>Computing:</b> Programming (Python/C++) and Data Structures.</li> <li>e. Energy &amp; Mass balance</li> <li>f. Heat &amp; Mass transfer</li> </ol> </li> </ol>
Section 2	MCQ on Aptitude (Logical Reasoning, Data Interpretation, Quantitative Aptitude and English proficiency).

Question Paper Section	Syllabus: for MBA Equivalent positions
Section 1	<p>MCQ on <b>General Management (covering common Management subjects irrespective of disciplines)</b></p> <ol style="list-style-type: none"> <li>1. <b>Foundation:</b> <ul style="list-style-type: none"> <li>o <b>Principles of Management</b></li> <li><b>Managerial Economics:</b> Understanding supply/demand, market structures, and pricing.</li> <li>o <b>Business Statistics:</b> Using data to make predictions and decisions.</li> </ul> </li> <li>2. <b>Finance :</b> <ul style="list-style-type: none"> <li>o <b>Financial Accounting:</b> Reading and creating balance sheets and P&amp;L statements.</li> <li>o <b>Corporate Finance:</b> Managing capital, investments, and valuation.</li> </ul> </li> <li>3. <b>Human Resources:</b> <ul style="list-style-type: none"> <li>o <b>Organizational Behavior (OB):</b> Theory of Motivation, Studying individual and group psychology within a company.</li> <li>o <b>Human Resource Management (HRM):</b> Talent acquisition, compensation.</li> </ul> </li> <li>4. <b>Operations:</b> <ul style="list-style-type: none"> <li>o <b>Operations Management:</b> Supply chain, logistics, and process optimization, Economic Order Quantity.</li> </ul> </li> <li>5. <b>Marketing Management:</b> Consumer behavior, branding, and digital strategy.</li> </ol>
Section 2	MCQ on Aptitude (Logical Reasoning, Data Interpretation, Quantitative Aptitude and English proficiency).