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| <p>Reasoning Ability</p> | <ul style="list-style-type: none">• Similarities and Differences• Spatial Visualization• Spatial Orientation• Problem Solving• Analysis, Judgment, and Decision Making• Visual Memory• Discrimination• Relationship Concepts• Arithmetical Reasoning and Figural Classification• Coding and Decoding• Number Series• Verbal and Non-Verbal Reasoning |
| <p>General Intelligence</p> | <ul style="list-style-type: none">• Series Completion• Coding-Decoding• Blood Relations• Direction Sense Test• Logical Venn Diagrams• Syllogism• Data Interpretation and Sufficiency• Logical Sequence of Words• Mathematical Operations• Inserting the Missing Character• Sequential Output Tracing• Decision Making |

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| <p>Technical Section (Branch Specific)</p> | <ul style="list-style-type: none">• Building Materials• Estimating, Costing, and Valuation• Surveying• Soil Mechanics• Hydraulics• Irrigation Engineering• Transportation Engineering• Environmental Engineering• Structural Engineering (Theory of Structures, Concrete Technology, RCC Design, Steel Design) |
| <p>Electrical Engineering</p> | <ul style="list-style-type: none">• Basic Concepts• Circuit Law• Magnetic Circuit• AC Fundamentals• Measurement and Measuring Instruments• Electrical Machines• Synchronous Machines• Generation, Transmission, and Distribution• Estimation and Costing• Utilization of Electrical Energy• Basic Electronics |

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| <p>Mechanical Engineering</p> | <ul style="list-style-type: none">• <input type="checkbox"/> Theory of Machines and Machine Design• <input type="checkbox"/> Engineering Mechanics and Strength of Materials• <input type="checkbox"/> Thermal Engineering• <input type="checkbox"/> Fluid Mechanics and Machinery• <input type="checkbox"/> Production Engineering• <input type="checkbox"/> Industrial Engineering• <input type="checkbox"/> Automotive Engineering• <input type="checkbox"/> Power Engineering• <input type="checkbox"/> Refrigeration and Air-Conditioning• <input type="checkbox"/> Measurement and Control |
| <p>General Science</p> | <ul style="list-style-type: none">• Basic concepts of Physics, Chemistry, and Biology• Everyday Science Applications• Environmental Science Scientific Research and Technological Developments |