## Jr. Field Engineer (Electrical) Syllabus

| Part –I | 70<br>Questions | Applied Mathematics   |
|---------|-----------------|---|
|         |                 | Applied Physics   |
|         |                 | Applied Chemistry   |
|         |                 | Applied Mechanics   |
|         |                 | Fundamentals of Electrical Engineering  |
|         |                 | • Electronics   |
|         |                 | General Engineering   |
|         |                 | <ul> <li>Computer Programming and Applications (For electrical Engineering)</li> </ul>        |
|         |                 | <ul> <li>Electrical Engineering Design and Drawing</li> </ul>                                 |
|         |                 | Electrical Machines   |
|         |                 | <ul> <li>Electrical Measurements and Instruments</li> </ul>                                   |
|         |                 | <ul> <li>Electrical and Electronics Engineering Materials</li> </ul>                          |
|         |                 | <ul> <li>Estimating and Costing in Electrical Engineering</li> </ul>                          |
|         |                 | Entrepreneurial Awareness   |
|         |                 | <ul> <li>Transmissions and Distribution of Electrical Power</li> </ul>                        |
|         |                 | <ul> <li>Industrial Electronics and Control of Drives</li> </ul>                              |
|         |                 | Digital Electronics   |
|         |                 | PC Maintenance and Repair   |
|         |                 | Basics of Management  |
|         |                 | Energy Management   |
|         |                 | <ul> <li>Power Generation and System Protection</li> </ul>                                    |
|         |                 | Utilization of Electrical Energy  |
| Part-II | 30<br>Questions | General aptitude, General Knowledge, Reasoning, Mathematics, Language and Behavioral Aptitude |

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