WBPDCl Technician & Operator Exam Pattern

<table>
<thead>
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<th>S.No.</th>
<th>Subject</th>
<th>No. of Question</th>
<th>Marks</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>English</td>
<td>10</td>
<td>10</td>
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<tr>
<td>2.</td>
<td>Numerical Ability</td>
<td>15</td>
<td>15</td>
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<tr>
<td>3.</td>
<td>Reasoning</td>
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<td>4.</td>
<td>General Awareness</td>
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<td>5.</td>
<td>General Science</td>
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<td>6.</td>
<td>Technical Ability</td>
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<td><strong>Total</strong></td>
<td><strong>100</strong></td>
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WBPDCl Operator / Technician Syllabus 2018

English

1. Fill in the Blanks
2. Grammar
3. Vocabulary
4. Error Correction
5. Sentence Rearrangement
6. Subject-Verb Agreement
7. Verb
8. Articles
9. Synonyms
10. Antonyms
11. Adverb
12. Idioms & Phrases
13. Unseen Passages
14. Tenses
15. Comprehension

General Knowledge

1. History – India & WB
2. Indian Polity
3. Science & Technology
4. Indian Constitution
5. West Bengal Geography
6. Indian Geography
7. Indian Economy
8. Indian Culture & Heritage
9. General Science
10. Current Affairs – National & WB
11. West Bengal Economy
12. Environmental Issues

Arithmetic
1. Ratio and Proportion
2. Average
3. Data Interpretation
4. Mixture and Allegation
5. Profit and Loss
6. Number Systems
7. Time and Work
8. H.C.F. and L.C.M
9. Pipes and Cisterns
10. Simple & Compound Interest
11. Time and Distance
12. Discounts
13. Boats and Streams
14. Percentages
15. Problems on Ages

**Reasoning**

1. Analogies
2. Coding-Decoding
3. Data Sufficiency
4. Classification
5. Arrangements
6. Similarities and Differences
7. Symbols and Notations
8. Syllogisms
9. Alphabet Series
10. Visual Ability
11. Directions
12. Nonverbal Reasoning
13. Symmetry
14. Analytical Reasoning
15. Blood Relations
16. Number Series
17. Statements

**HR**

- Organizational Structure Design and Change
- Management Process and Organizational Behavior
- Business Policy and Strategic Analysis
- Managing Interpersonal and Group Processes
- Training and Development
- Human Resource Planning
- Labour Laws
- Managerial Economics
- Performance Management & Appraisal
- Quantitative Methods & Research Methodology
- Marketing Management
- International Business Environment
- Grievance Management
- Management of Compensations and Benefits
- Management Science
- Industrial Relations & Trade Unions
- Human Resource Management
- Human Resource Development
- Human Resource Information System
- Emotional Intelligence and Managerial Effectiveness
- Production and Operations Management
- Conflict Management
- Total Quality Management
- Financial Management and Accounting
- Business Ethics, Corporate Governance & Social Responsibility

Civil

- Open Channel Flow
- Building Materials
- Hydraulic Machines & Hydro Power
- Surveying
- Construction Practices, Planning & Management
- Solid Waste Management
- Solid Mechanics
- Transportation Engineering
- The design of Steel Structures
- Hydrology
- Environmental Engineering
- Water Resource Engineering
- The design of Concrete & Masonry Structures
- Fluid Mechanics
- Pipe Flow

Finance

- Accounting Standards
- Auditing
- Corporate & Industrial Laws
- Financial Management
- Management Science
- Computer Applications in Business
- Management Information Systems
- Indirect & Direct – Tax Management
- Financial Accounting
- Operation & Project Management Control
- Security Analysis and Investment Management
- Cost & Management Accounting
- Managerial Economics
- Costing Techniques
- Management Control System
Electrical

- Electrical Instrumentation
- Electrical Machines
- Analog and Digital Electronics
- Electromagnetic Theory
- Control Systems
- Switch Gear and Protection
- Power Electronics & Drives
- Network Analysis
- Utilization of Electrical Energy
- Power Systems
- Power System Analysis & Control
- Power System Protection
- Electronics Devices