COMPUTER ADAPTIVE TEST (RTCAT)

Test Preparation Course Outline

1. Aptitude Test

A. Graphical Interpretation

- Line Chart
- Bar Chart
- Pie Chart
- Donut Chart + Bar Chart
- Heat Map
- Pattern Charts
- Tree Chart
- Organogram
- Logical Framework
- Infographic Charts

B. Numerical Reasoning

- Word Problems: Real-life business scenarios and solutions
- Applied Geometry: Area, volume, angles in workplace applications
- Number Series: Pattern recognition and logical progressions
- Business Mathematics: Profit/loss, interest, discount, inventory analysis
- **Arithmetic Problems:** Percentages, ratios, averages, time & work
- Algebra: Linear equations, expressions, word-based algebra
- Probability & Statistics: Probability rules, central tendency, data analysis

C. Verbal Reasoning

- Analogy: Word pair relationships
- Blood Relation: Logic-based family relationship puzzles
- **Text Completion:** Grammar, vocabulary, sentence construction
- Reading Comprehension: Extracting meaning, tone, inference from passages

D. Visual / Abstract Reasoning

- Pattern recognition, sequence prediction, matrix solving
- Visual logic puzzles and spatial arrangement tests

2. Business Ethics, Communication, and Compliance



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A. Business Ethics

- Workplace ethics and dilemmas in:
 - o Marketing (e.g., misleading ads, data ethics)
 - HR (e.g., discrimination, recruitment fairness)
 - Finance (e.g., fraud, reporting standards)
 - o **Production** (e.g., safety, waste management)
 - Sales & Supply Chain (e.g., fair pricing, vendor ethics)
 - Digital Marketing (e.g., ad targeting, cookies)
 - Project Management (e.g., scope honesty, resource use)
 - o Official Communication (e.g., truthful reporting, tone)

B. Business Communication

- Professional communication in the same departments:
 - Email etiquette, pitch writing, HR letters, finance memos, etc.

C. Compliance

- Regulatory, legal, and company-specific compliance in:
 - Marketing, HR, Finance, Production, Sales, Digital Marketing, Project
 Management, Official Communication, Technical
 - Case studies & scenario-based compliance questions

3. Digital Technology and Artificial Intelligence

A. Productivity Tools

- Microsoft Office (Word, Excel, PowerPoint): Editing, formatting, data functions
- Google Suite (Docs, Sheets, Slides): Real-time collaboration, document management

B. Communication Tools

- Email Management: Folders, scheduling, auto-responders
- Mail Merge: Personalized bulk messaging
- Video Conferencing Platforms: Zoom, Microsoft Teams, Google Meet features & etiquette

C. Collaboration Tools

Google Workspace, Microsoft 365: Shared drives, calendars, workflows

D. Data Management

Basics of databases, data entry accuracy, and visualization using Excel/Tableau

E. Digital Marketing & Social Media



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• Facebook Ads, Google Ads, LinkedIn, Instagram for business

F. AI Awareness and Tools

- Generative AI: Text/image/video generation (ChatGPT, DALL·E, Sora, etc.)
- Explainable AI: Understanding AI decision-making for business use
- Al Tools for Businesses: Planning, content creation, automation
- **Prompt Engineering:** Crafting effective prompts for AI tools
- AI Ethics: Bias, data protection, fairness in algorithms

G. Cybersecurity

Password hygiene, phishing, secure data sharing, and privacy protocols

4. Official Correspondence

A. Email Correspondence

Writing effective subject lines, salutations, formal tone

B. Minutes of Meeting

Capturing decisions, responsibilities, and next steps

C. Office Orders and Announcements

Structuring clear and actionable internal communication

D. Letters and Official Correspondence

Formal business letters, internal/external memos, official notifications

5. Skills-Based Scenario Assessments

- Integrated exercises based on real-world business cases across all departments and different production / service areas
 - o Ethical dilemma simulations
 - Communication breakdown scenarios
 - o Compliance audit simulations

6. Personality Assessment

A. Behavioral Dimensions Covered

- Conscientiousness: Organization, diligence, reliability
- Emotional Stability: Stress tolerance, calm under pressure
- Openness to Experience: Creativity, innovation, curiosity
- Teamwork Orientation: Collaboration, empathy, adaptability
- Leadership Potential: Initiative, influence, accountability





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7. Customized Test – Job Specific

In addition to the standard RTCAT categories, the Job-Specific Test is designed to prepare candidates for customized, role-aligned assessments tailored to the unique requirements of each hiring company. Whether applying for entry-level, mid-tier, or specialized professional positions, this test provides a flexible and targeted evaluation of the technical competencies essential for the job. The content and structure of each job-specific test vary based on the employer's specifications, ensuring that candidates are assessed on the exact skills and knowledge relevant to the position.





