RRB Group D CBT 1 Result 2026 Out: Check Zone-Wise PDF

RRB Group D CBT-1 result for 22,195 posts is out. This pack provides chapter-wise revision notes, golden formula...

1. EXAM / NOTIFICATION KEY FACTS & DATES

Conducting Body	RRB
Post / Course Name	RRB Group D (Level 1 Posts)
Total Vacancies	22,195 Posts
Minimum Qualification	10th Pass / Matriculation / National Apprenticeship Certificate
Application Start Date	31 Jan 2026
Last Date to Apply	9 Mar 2026
Exam Date	3 Aug 2026
Selection Process	CBT Stage 1 -> Physical Efficiency Test (PET) -> Document Verification & Me...
Exam Mode & Duration	Computer-Based Test (CBT), 90 Minutes (120 Mins for PwBD), 100 Questions

2. 4-STEP SMART PREPARATION PLAN

1. Phase 1: Master 10th-level NCERT Physics, Chemistry, and Biology basics along with core Arithmetic formulas.
2. Phase 2: Solve 15-20 previous year RRB Group D question papers to identify high-frequency pattern trends.
3. Phase 3: Practice speed-math shortcuts for Time-Work, Speed-Distance, and CI-SI to maximize attempt speed.
4. Phase 4: Take timed full-length mock tests daily and review incorrect answers to avoid 1/3 negative marking.

3. SAMPLE GOLDEN SHORTCUTS & FORMULAS

* Shortcut 1: Time & Work combined time T = (A * B) / (A + B). For 3 people, T = (A * B * C) / (AB + BC + CA).
* Shortcut 2: Speed conversion: km/h to m/s -> Multiply by 5/18. m/s to km/h -> Multiply by 18/5.
* Shortcut 3: Average speed for equal distance traveled at speeds x and y is Average Speed = 2xy / (x + y).
* Shortcut 4: Two successive discounts of x% and y% give Net Discount % = (x + y - xy/100)%.

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4. TOP 10 HIGH-WEIGHTAGE SYLLABUS TOPICS (QUICK SUMMARY)

1. Time and Work / Pipe & Cistern
Weightage: High (3-4 Qs)

Work done is inversely proportional to time taken. If A can finish a work in 'x' days, A's 1-day work is 1/x. Combined efficiency of A and B working together is (1/x + 1/y), giving total time T = (xy)/(x + y). For pip...

2. Speed, Distance and Time (Train Qs)
Weightage: High (3-4 Qs)

Basic formula is Speed = Distance / Time. To convert km/h to m/s, multiply by 5/18; to convert m/s to km/h, multiply by 18/5. When a train crosses a pole or standing man, distance equals the length of the train. When ...

3. Percentage and Profit & Loss
Weightage: High (3-4 Qs)

Percentage represents a fraction with base 100. Profit = Selling Price (SP) - Cost Price (CP), and Loss = Cost Price (CP) - Selling Price (SP). Profit or Loss percentage is always calculated on CP: Profit % = (Profit/...

4. Simple & Compound Interest
Weightage: Medium (2-3 Qs)

Simple Interest formula is SI = (P * R * T) / 100, where Principal P remains constant throughout. Compound Interest formula for amount is A = P(1 + R/100)^T. For 2 years, difference between CI and SI is given by D = P...

5. Periodic Table & Chemical Reactions
Weightage: High (4-5 Qs)

Modern Periodic Table created by Moseley arranges elements by atomic number. Groups are vertical columns (18) and periods are horizontal rows (7). Metals lie on the left, non-metals on the right, and metalloids in bet...

6. Work, Energy, and Power
Weightage: High (3-4 Qs)

Work done W = F * d * cos(theta). Work is zero if force and displacement are perpendicular. Kinetic Energy KE = 0.5 * m * v^2, and Potential Energy PE = m * g * h. Law of conservation of energy states energy can neith...

7. Electricity and Magnetism
Weightage: High (4-5 Qs)

Ohm's Law states V = I * R at constant temperature. Equivalent resistance in series R = R1 + R2 + R3; in parallel 1/R = 1/R1 + 1/R2 + 1/R3. Electrical Power P = V * I = I^2 * R = V^2 / R. Electrical energy consumed in...

8. Human Body Systems & Life Processes
Weightage: High (4-5 Qs)

Digestive system breaks food down using enzymes: Pepsin digests proteins in stomach, Amylase digests carbohydrates, Lipase digests fats. Circulatory system uses heart with 4 chambers (in humans); pulmonary artery carr...

9. Coding-Decoding & Letter Series
Weightage: High (4-5 Qs)

Letters have positional values from A=1 to Z=26. Opposite letter pairs add up to 27 (A-Z, B-Y, C-X, M-N). Use mnemonic EJOTY (5, 10, 15, 20, 25) for fast position identification. Patterns in coding include direct lett...

10. Syllogism & Venn Diagrams
Weightage: High (3-4 Qs)

Syllogism questions test logical deductions from given statements. Never use real-world facts; strictly follow given premises. Draw minimal overlapping Venn diagrams to represent 'All A are B', 'Some A are B', 'No A i...

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5. 10 SAMPLE EXAM-STYLE PRACTICE MCQS (WITH ANSWERS)

Q1. A train 150 meters long is running at a speed of 54 km/h. How much time will it take to cross a platform 210 meters long?
(A) 20 seconds (B) 24 seconds (C) 18 seconds (D) 30 seconds
Ans: (B) | Total distance = Length of train + Length of platform = 150 + 210 = 360 m. Speed in m/s = 54 * (5/18) = 15 m/s. Time = Distance / Speed = 360 / 15 = 24 seconds.

Q2. If A can do a work in 10 days and B can do the same work in 15 days, in how many days can they complete it together?
(A) 5 days (B) 6 days (C) 8 days (D) 7.5 days
Ans: (B) | Combined Time = (A * B) / (A + B) = (10 * 15) / (10 + 15) = 150 / 25 = 6 days.

Q3. What is the SI unit of Electrical Resistance?
(A) Volt (B) Ampere (C) Ohm (D) Watt
Ans: (C) | The SI unit of resistance is Ohm (represented by omega). Volt is for potential difference, Ampere for current, and Watt for power.

Q4. An object of mass 10 kg is moving with a velocity of 4 m/s. What is its Kinetic Energy?
(A) 40 J (B) 80 J (C) 160 J (D) 20 J
Ans: (B) | Kinetic Energy KE = 1/2 * m * v^2 = 1/2 * 10 * (4)^2 = 5 * 16 = 80 Joules.

Q5. Which element in the Modern Periodic Table has the atomic number 1?
(A) Helium (B) Lithium (C) Hydrogen (D) Carbon
Ans: (C) | Hydrogen (H) has atomic number 1. It is the lightest element in the periodic table.

Q6. If COST is coded as 3151920 in a certain code language, how will BEAT be coded?
(A) 25120 (B) 25119 (C) 25220 (D) 24120
Ans: (A) | Letters are replaced by their positional numbers in the alphabet: C=3, O=15, S=19, T=20. Similarly, B=2, E=5, A=1, T=20 -> 25120.

Q7. What is the difference between CI and SI on Rs. 5000 at 10% per annum for 2 years?
(A) Rs. 50 (B) Rs. 100 (C) Rs. 25 (D) Rs. 500
Ans: (A) | Difference for 2 years D = P * (R/100)^2 = 5000 * (10/100)^2 = 5000 * (1/100) = Rs. 50.

Q8. Which acid is present in the human stomach to help in digestion?
(A) Acetic Acid (B) Hydrochloric Acid (HCl) (C) Sulphuric Acid (D) Nitric Acid
Ans: (B) | Hydrochloric acid (HCl) is secreted by gastric glands in the stomach. It creates an acidic medium required for pepsin enzyme action.

Q9. Which organ in the human body is responsible for filtering blood and removing nitrogenous waste?
(A) Liver (B) Heart (C) Kidney (D) Lungs
Ans: (C) | Kidneys contain millions of structural units called nephrons that filter blood and produce urine to excrete nitrogenous waste like urea.

Q10. If 20% of a number is 80, what is 45% of that number?
(A) 160 (B) 180 (C) 200 (D) 140
Ans: (B) | Let number be X. 0.20 * X = 80 => X = 400. 45% of 400 = 0.45 * 400 = 180.

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