IBPS RRB XV Officer Scale I Call Letter Released

Comprehensive exam revision E-Book for IBPS RRB CRP-RRBs-XV Officer Scale I (PO). Master high-yield Quant and Re...

1. EXAM / NOTIFICATION KEY FACTS & DATES

Conducting Body	Institute of Banking Personnel Selection (IBPS)
Post / Course Name	CRP-RRBs-XV - Officer Scale I
Selection Process	Preliminary Exam (CBT), Mains Exam (CBT), and Personal Interview
Exam Mode & Duration	Online CBT; Prelims is 45 mins (80 Qs), Mains is 120 mins (200 Qs)
Key Subjects	Quantitative Aptitude, Reasoning Ability, Financial Awareness, Computer Kno...
Negative Marking	0.25 marks deducted for every incorrect response in Prelims and Mains

2. 4-STEP SMART PREPARATION PLAN

1. Phase 1: Master speed-math (Simplification, Approximations, Quadratic equations) and basic Reasoning logic to clear Prelims cutoff quickly.
2. Phase 2: Build speed in Data Interpretation (DI) sets and seating arrangement variations under 45-minute strict timer constraints.
3. Phase 3: Deep dive into Mains subjects including Financial/Banking Awareness and Computer Knowledge alongside Advanced Quant and Reasoning.
4. Phase 4: Take full-length sectional and complete mock tests daily, analyzing wrong answers and negative marking tendencies.

3. SAMPLE GOLDEN SHORTCUTS & FORMULAS

* Shortcut 1 (Quadratic Signs): If ax^2 + bx + c = 0 has signs (+,+), roots are (-,-). If (-,+), roots are (+,+). If (+,-), roots are (-,+). If (-,-), roots are (+,-).
* Shortcut 2 (Quadratic CBD): If constant terms in both quadratic equations are negative (c < 0 and f < 0), answer is always 'Relationship cannot be established'.
* Shortcut 3 (LCM Work Method): Time to complete work = Total Units (LCM of days) / Sum of daily efficiencies.
* Shortcut 4 (Compound Interest Approximation): Effective rate for 2 years at R% = 2R + (R^2/100)%.

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

1. Data Interpretation (DI)

Weightage: High (10-15 Qs)

Table, Bar, Pie, Line, and Caselet DI form the core of Quantitative Aptitude in IBPS RRB Officer Scale I. Focus on calculating missing data, percentage changes, ratios, and averages quickly. Caselet DIs require quick ...

2. Seating Arrangement & Puzzles

Weightage: High (20-25 Qs)

Puzzles carry around 20-25 marks in Reasoning. Practice circular, linear (facing North/South), parallel row, floor-based, box-based, and schedule-based puzzles. Always start with direct definite statements before pick...

3. Quadratic Equations

Weightage: High (5 Qs)

Quadratic equations usually give 5 direct marks in Quant. Learn the sign conversion rule (e.g., ++ gives --, -+ gives ++, +- gives -+, -- gives +-). Master factor splitting techniques for equations with large coeffici...

4. Syllogism (Only a Few Patterns)

Weightage: High (5 Qs)

Modern IBPS exams heavily feature 'Only a few' and 'Only' type syllogism statements. Remember that 'Only a few A are B' implies both 'Some A are B' and 'Some A are not B'. 'Only A is B' means 'All B are A' and B canno...

5. Number Series (Missing & Wrong)

Weightage: High (5 Qs)

Missing and wrong number series test pattern recognition skills under time pressure. Common patterns include prime number differences, double differences, alternate operations (+ and *), cube or square variations, and...

6. Inequalities (Coded & Direct)

Weightage: High (5 Qs)

Statements with symbols (, =, =) need fast chain formation. For direct inequalities, check open/closed gates between elements. For coded inequalities, draw a priority table. Remember that conflicting signs be...

7. Arithmetic Word Problems

Weightage: High (10-12 Qs)

Arithmetic includes Profit & Loss, Simple/Compound Interest, Time & Work, Speed Distance Time, Mixtures & Alligations, and Ages. Prioritize high-yield chapters like Time & Work (unit work/LCM method) and Mixtures (all...

8. Blood Relations & Direction Sense

Weightage: Medium (5-7 Qs)

Blood relation family trees require clear gender symbols (+) and (-) and generation levels. Pay special attention to terms like 'paternal', 'maternal', 'spouse', and 'only child'. For direction sense, trace movement o...

9. Input-Output (Machine Rearrangement)

Weightage: Medium (5 Qs in Mains)

High weightage in Mains and sometimes advanced Prelims. Track double-shifting arrangements where numbers and words shift simultaneously to left and right ends. Analyze Step 1 to identify logic: ascending/descending nu...

10. Data Sufficiency

Weightage: Medium (5 Qs in Mains)

Data Sufficiency tests combined concept application in Quant and Reasoning. Determine whether Statement 1 alone, Statement 2 alone, or both combined give a unique answer. Crucially, do NOT solve for the exact numerica...

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

Q1. What is the simplified value of: 45% of 800 + 35% of 400 - 150 = ?
(A) 350 (B) 370 (C) 390 (D) 410
Ans: (A) | 45% of 800 = 360. 35% of 400 = 140. Sum = 360 + 140 = 500. Subtract 150 = 350.

Q2. Find the roots relation between: Equation I: x^2 - 11x + 30 = 0 and Equation II: y^2 - 15y + 56 = 0.
(A) x > y (B) x < y (C) x >= y (D) x
Ans: (B) | Equation I: roots are +5, +6. Equation II: roots are +7, +8. Comparing roots: 5 < 7, 5 < 8, 6 < 7, 6 < 8. Hence x < y.

Q3. Find the missing number in the series: 7, 14, 42, 168, ?, 5040
(A) 672 (B) 840 (C) 720 (D) 960
Ans: (B) | Pattern is *2, *3, *4, *5, *6. So 168 * 5 = 840. Next 840 * 6 = 5040.

Q4. Statements: Only a few Circle are Square. All Square are Triangle. Conclusions: I. Some Circle are Triangle. II. All Circle can never be Square.
(A) Only Conclusion I follows (B) Only Conclusion II follows (C) Both Conclusion I and II follow (D) Neither follows
Ans: (C) | 'Only a few Circle are Square' means Some Circle are Square AND Some Circle are NOT Square. Since all Square are Triangle, the common part between Circle and Square is also Triangle, so I follows. Also, since Some Circle are NOT Square, All Circle can never be Square, so II follows.

Q5. Statements: A >= B > C = D D, II. B >= E.
(A) Only I follows (B) Only II follows (C) Both follow (D) Neither follows
Ans: (A) | For A > D: path is A >= B > C = D. Since there is a clear '>' sign, A > D is true. For B >= E: path is B > C = D = E cannot be established. Only I follows.

Q6. A can complete a work in 12 days and B can complete the same work in 18 days. If they work together, in how many days will the work be completed?
(A) 6.2 days (B) 7.2 days (C) 8.5 days (D) 9 days
Ans: (B) | Total Work = LCM(12, 18) = 36 units. Efficiency A = 3 units/day, Efficiency B = 2 units/day. Combined efficiency = 5 units/day. Time taken = 36 / 5 = 7.2 days.

Q7. A shopkeeper buys an article for Rs. 800 and marks it up by 25%. If he offers a discount of 10% on the marked price, find his profit percentage.
(A) 10% (B) 12.5% (C) 15% (D) 18%
Ans: (B) | MP = 800 * 1.25 = Rs. 1000. SP after 10% discount = 1000 * 0.90 = Rs. 900. Profit = 900 - 800 = 100. Profit % = (100 / 800) * 100 = 12.5%.

Q8. A train 150 meters long crosses a pole in 9 seconds. What is the speed of the train in km/h?
(A) 50 km/h (B) 60 km/h (C) 75 km/h (D) 80 km/h
Ans: (B) | Speed in m/s = Distance / Time = 150 / 9 = 50/3 m/s. Converting to km/h: (50/3) * (18/5) = 60 km/h.

Q9. In what ratio must milk at Rs. 40/liter be mixed with milk at Rs. 55/liter to get a mixture worth Rs. 45/liter?
(A) 2 : 1 (B) 1 : 2 (C) 3 : 1 (D) 5 : 2
Ans: (A) | By Alligation: (55 - 45) : (45 - 40) = 10 : 5 = 2 : 1.

Q10. What is the difference between Compound Interest and Simple Interest on Rs. 10,000 for 2 years at 10% per annum?
(A) Rs. 50 (B) Rs. 100 (C) Rs. 150 (D) Rs. 200
Ans: (B) | Difference for 2 years = P * (R/100)^2 = 10000 * (10/100)^2 = 10000 * (1/100) = Rs. 100.

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