SPARDHAGURU
PATHWAY TO SUCCESS

ಸ್ಪರ್ಧಾಗುರು
Spardhaguru India Private Limited

## SPARDHAGURU SIKLL EDGE APTITUDE ACADEMY

# IBPS RRB CLERK MODEL PAPER

Banking | SSC | NTPC

Questions designed strictly according to the IBPS RRB Clerk (Office Assistant) examination pattern.

## COMPLETE FRAMEWORK UP COMING EXAM

**Murthy sir**
**A mentor with 15+ years of experience. Score higher in competitive exams with ease!**




SPARDHAGURU SIKLL EDGE APTITUDE ACADEMY
1st Floor, 608, Panchamantra Rd, P and T Block,
Jayanagar, Kuvempu Nagara, Mysuru,
Karnataka 570023
Spardhaguru Editorial Board
SPARDHAGURU INDIA PRIVATE LIMITED

SPARDHAGURU INDIA PRIVATE LIMITED
Spardhaguru Skill Edge Aptitude Academy
1st Floor, 608, Panchamantra Rd, P and T Block, Jayanagar, Kuvempunagara, Mysuru, Karnataka 570023

**IBPS RRB Clerk Prelims**

**Model Paper Set 08**

**Time Allowed:** 45 Minutes,

**Total Questions:** 80

Date: _____

Student Details

Name: _____

No of Questions Attempt: _____

Start Time: _____

End Time: _____

**Test Rules & Scoring**

**Scoring Scheme: +1** for correct answers | **-0.25** for incorrect responses.

**Writing Tool:** Blue or black ballpoint pen only.

**Test Discipline:** Start only upon the invigilator's signal. Zero tolerance for malpractice.

**Handover:** Submit your response sheet to the invigilator before exiting the hall.

**Office Use Only**

Score Obtained: /

Invigilator Signature:

_____

**SPARDHAGURU INDIA PRIVATE LIMITED**
**CIN:** U80904KA2022PTC166444 |
**Registration No.:** 166444
**Registered Office:** No. 8, 24th Block, Near Amrutha Clinic, RBI Layout, Manasi Nagara, Mysuru, Karnataka, India – 570029

**Support:** +91 9071154445 / 64446 / 74447

**Terms & Conditions:**

1. **Independent Effort:** All answers and step-by-step solutions must strictly reflect your individual effort. The use of generative AI tools, chatbots, or automated solvers (such as ChatGPT, Gemini, etc.) is strictly prohibited.
2. **Evaluation Integrity:** Submissions showing evidence of AI assistance, automated solving, or external collusion will be immediately disqualified to preserve fair assessment standards across all cohorts.
3. **Timed Submission:** Candidates must complete and submit the test within the allotted time window. Late entries will not be processed for the weekly leaderboard rankings.
4. **Proprietary Notice: This test paper and its solution keys are the exclusive intellectual property of Spardhaguru Skill Edge Academy. Reproduction, sharing, or unauthorized digital distribution outside enrolled academy channels is strictly prohibited.**
5. **Negative Marking & Scoring Criteria:** Standard exam negative marking applies. Each incorrect answer will incur a deduction, so focus on accuracy alongside attempt rate to simulate real exam conditions.
6. **Mandatory Review & Error Log:** Candidates are required to maintain a personal error log for all incorrect and unattempted questions to review during the weekly faculty analysis session.

**SECTION 1: SIMPLIFICATION (Questions 1–5)**

Murthy sir's
Spardhaguru India Private Limited
Spardhaguru Skill Edge Aptitude Academy
A Concept of Spardhaguru India Private Limited

SPARDHAGURU INDIA PRIVATE LIMITED
Spardhaguru Skill Edge Aptitude Academy
1st Floor, 608, Panchamantra Rd, P and T Block, Jayanagar, Kuvempunagara, Mysuru, Karnataka 570023

## SECTION 1: SIMPLIFICATION (Questions 1–5)

**Q1.** What value will come in place of the question mark (?) in the following expression?

$$[(14.28\% \text{ of } 1050) + (37.5\% \text{ of } 640)] \div \sqrt{1521} - \frac{3}{13} \times \sqrt[3]{2197} = ?$$

(A) 4
(B) 5
(C) 6
(D) 7
(E) 8

**Q2.** What value will come in place of the question mark (?) in the following expression?

$$\frac{24^2 \times 15 \div 45 + 40\% \text{ of } 850}{4^3 \times 3 - 142} = ?^2 - 11$$

(A) 4
(B) 7
(C) 6
(D) 5
(E) 8

**Q3.** What value will come in place of the question mark (?) in the following expression?

$$\left(5\frac{3}{7} + 4\frac{1}{14} - 3\frac{1}{4}\right) \times 28 + \sqrt{5184} = ?$$

(A) 244
(B) 241
(C) 250
(D) 253
(E) 256

**Q4.** What value will come in place of the question mark (?) in the following expression?

$$(0.00032)^{0.4} \times (0.04)^{-1.5} \div (0.2)^3 = 5^?$$

(A) 1
(B) 2
(C) 3
(D) 4
(E) 5

**Q5.** What value will come in place of the question mark (?) in the following expression?

$$\sqrt{72\% \text{ of } 1250} + \sqrt[3]{175616} \div 14 \times 16 - 3^4 = ?$$

(A) 11
(B) 13
(C) 15
(D) 17
(E) 19

## SECTION 2: NUMBER SERIES (Questions 6–10)

**Q6.** Find the wrong number in the given series:

14, 15, 32, 99, 400, 2005, 12036

(A) 15
(B) 32
(C) 99
(D) 400
(E) 2005

**Q7.** Find the missing number (?) in the following series:

520, 508, 484, 444, 384, 300, ?

(A) 188
(B) 192
(C) 196
(D) 204
(E) 212

**Q8.** Find the wrong number in the given series:

8, 18, 48, 128, 338, 894, 2358

(A) 18
(B) 48
(C) 128
(D) 338
(E) 894

**Q9.** Find the missing number (?) in the following series:

12, 13, 30, 93, 376, 1885, ?

(A) 11346
(B) 11310
(C) 11322
(D) 11304
(E) 11328

**Q10.** Find the wrong number in the given series:

64, 96, 144, 216, 324, 486, 728

(A) 96
(B) 144
(C) 216
(D) 486
(E) 728

## SECTION 3: QUADRATIC EQUATIONS (Questions 11–15)

*Directions (Q. 11–15): Solve both equations and establish the relation between x and y.*

*(A)* $x > y$
*(B)* $x \geq y$

Murthy Sir's
Spardhaguru Skill Edge Aptitude Academy
A Group of Spardhaguru India Private Limited

*(C)* $x < y$
*(D)* $x \leq y$
*(E)* $x = y$ *or relationship cannot be established (CND)*

**Q11.**

I. $6x^2 - 17x + 12 = 0$
II. $10y^2 - 29y + 21 = 0$

**Q12.**

I. $x^2 - 9\sqrt{3}x + 60 = 0$
II. $y^2 - 11\sqrt{2}y + 60 = 0$

**Q13.**

I. $4x^2 + 19x + 21 = 0$
II. $3y^2 + 17y + 24 = 0$

**Q14.**

I. $x^2 - 25x + 156 = 0$
II. $y^2 - 29y + 210 = 0$

**Q15.**

I. $12x^2 + 7x - 12 = 0$
II. $8y^2 - 22y + 15 = 0$

**SECTION 4: CASELET DATA INTERPRETATION (Questions 16–25)**

**SET 1: Caselet DI (Questions 16–20)**

**Directions:** Read the following data carefully and answer the questions.

In an organization of 1500 employees, each employee works in at least one of three departments: Operations, HR, and IT. 48% of the total employees work in Operations. 44% of the total employees work in HR. 38% of the total employees work in IT.

The number of employees working in both Operations and HR but not IT is 90.

The number of employees working in both HR and IT but not Operations is 60.

The number of employees working in all three departments is equal to 6% of the total employees.

The ratio of male employees to female employees working *only* in Operations is 5: 4.

**Q16.** How many employees work *only* in the IT department?

(A) 285 (B) 305 (C) 325
(D) 345 (E) 365

**Q17.** What is the total number of employees who work in exactly two departments?

(A) 225 (B) 240 (C) 255
(D) 270 (E) 285

**Q18.** Find the total number of female employees who work *only* in the Operations department.

(A) 160 (B) 180 (C) 200
(D) 220 (E) 240

**Q19.** The number of employees working in *only* HR is what percentage of the number of employees working in *only* IT?

(A) 100% (B) 110% (C) 120%
(D) 125% (E) 130%

**Q20.** What is the difference between the total number of employees working in Operations and the total number of employees working *only* in HR and IT together?

(A) 40 (B) 50 (C) 60
(D) 70 (E) 80

**SET 2: Caselet DI (Questions 21–25)**

**Directions:** Read the following information carefully and answer the questions.

Three dairy owners (P, Q, and R) sell mixtures of pure milk and water.

**Dairy Owner P** has 240 liters of mixture containing milk and water in the ratio 5: 3. He sells 48 liters of this mixture and adds 18 liters of pure water to the remaining mixture.

**Dairy Owner Q** has a mixture of milk and water containing 80% pure milk. The total quantity of mixture with Q is 25% more than the initial quantity of mixture with P. Q adds 30 liters of pure milk to his mixture.

**Dairy Owner R** has a mixture where the ratio of milk to water is 3: 1. The total quantity of pure milk with R is equal to the final quantity of pure milk with P.

**Q21.** What is the final ratio of milk to water in Dairy Owner P's mixture?

(A) 2: 1 (B) 3: 2 (C) 5: 3
(D) 7: 4 (E) 9: 5

**Q22.** What is the total quantity of pure milk with Dairy Owner Q after adding 30 liters of pure milk?

(A) 240 L (B) 255 L (C) 270 L
(D) 285 L (E) 300 L

**Q23.** What is the total quantity of mixture present with Dairy Owner R?
(A) 140 L (B) 160 L (C) 180 L
(D) 200 L (E) 220 L

**Q24.** The initial quantity of water with Dairy Owner Q is what percentage less than the initial quantity of water with Dairy Owner P?
(A) 20% (B) 25% (C) 30%
(D) 33.33% (E) 35%

**Q25.** If Dairy Owner P and Dairy Owner R combine their final mixtures completely, what will be the concentration of milk in the resultant mixture?
(A) 62.5% (B) 65.0% (C) 67.5%
(D) 70.0% (E) 72.5%

**SECTION 5: ARITHMETIC WORD PROBLEMS (Questions 26–40)**

**Q26. Percentage:** In a municipal election between three candidates (A, B, and C), 12% of the total enrolled voters did not cast their votes, and 600 cast votes were declared invalid. Candidate A secured 30% of the total enrolled voters, candidate B secured 45% of the total valid votes, and candidate C received the remaining 3960 valid votes. Find the total number of enrolled voters in the election.
(A) 16000 (B) 18000 (C) 20000
(D) 22000 (E) 24000

**Q27. Ratio & Proportion:** Monthly income of P is 25% more than that of Q, and monthly income of Q is 20% less than that of R. The ratio of monthly savings of P, Q, and R is 5: 4: 6. If the monthly expenditure of R is Rs. 18,000 and the monthly expenditure of P is Rs. 20,000, find the monthly income of Q.
(A) Rs. 20,000 (B) Rs. 22,500
(C) Rs. 24,000 (D) Rs. 25,000
(E) Rs. 30,000

**Q28. Profit & Loss:** A merchant marked an article 50% above its cost price and allowed two successive discounts of 16% and $d$%. Despite allowing these discounts, he earned a net profit of 13.4%. If he had sold the article after offering only a single discount of $(d + 4)$%, what would have been his profit percentage?
(A) 29% (B) 22% (C) 24%
(D) 26% (E) 28%

**Q29. Simple & Compound Interest:** A sum of Rs. P is invested in Scheme X offering Simple Interest at 12.5% p.a. for 4 years. The total interest received from Scheme X is reinvested along with the principal P in Scheme Y offering Compound Interest at 20% p.a. compounding annually for 2 years. If the total interest received from Scheme Y is Rs. 7,920, find the value of P.
(A) Rs. 10,000 (B) Rs. 12,000
(C) Rs. 14,000 (D) Rs. 15,000
(E) Rs. 16,000

**Q30. Time & Work:** Efficiency of A is 40% more than that of B. A and B together started working on a job and worked for 8 days. After 8 days, A left, and C joined B. B and C together completed the remaining work in 10 days. If C alone can complete the entire job in 40 days, in how many days can B alone complete the entire job?
(A) 30 days (B) 35 days (C) 40 days
(D) 45 days (E) 50 days

**Q31. Time, Speed & Distance:** A train of length $L$ meters crosses a platform of length $1.25L$ meters in 27 seconds. The same train crosses a person running in the opposite direction at a speed of 14.4 km/h in 10 seconds. Find the time taken by the train to cross a static train of length $1.75L$ meters standing on a parallel track.
(A) 30 sec (B) 33 sec (C) 36 sec
(D) 39 sec (E) 42 sec

**Q32. Mixture & Alligation:** A vessel contains a 210-liter mixture of pure milk and water in the ratio 4: 3. $X$ liters of this mixture is withdrawn and replaced with $X$ liters of pure water. The final ratio of milk to water in the vessel becomes 16: 19. Find the value of $X$.
(A) 30 (B) 42 (C) 50

(D) 60 (E) 70

**Q33. Partnership:** X, Y, and Z entered into a business partnership by investing in the ratio 3:4:6. After 4 months, X increased his investment by 66.67%, and Y withdrew 25% of his investment. After 8 months from the start, Z increased his investment by 33.33%. If the total annual profit generated at the end of the year is Rs. 1,02,000, find Z's share in the profit.

(A) Rs. 42,000 (B) Rs. 45,000
(C) Rs. 48,000 (D) Rs. 47,442
(E) Rs. 54,000

**Q34. Ages:** Five years ago, the ratio of the age of A to that of B was 4:5. Seven years hence, the ratio of the age of B to that of C will be 7:8. If the average of the present ages of A, B, and C is 38 years, find the present age of C.

(A) 44 years (B) 47 years
(C) 49 years (D) 52 years
(E) 55 years

**Q35. Boats & Streams:** A boat can cover a distance of 54 km downstream and 40 km upstream in 8 hours. The same boat can cover 72 km downstream and 30 km upstream in 8.5 hours. Find the time taken by the boat to cover 105 km in still water.

(A) 6 hours (B) 7 hours
(C) 7.5 hours (D) 8 hours
(E) 8.5 hours

**Q36. Time & Work (Pipes & Cisterns):** Pipe A and Pipe B together can fill a tank in 15 hours. Pipe B and Pipe C together can fill it in 20 hours. Pipe A was opened for 6 hours, Pipe B for 9 hours, and the remaining tank was filled by Pipe C alone in 16 hours. Find the time taken by Pipe C alone to fill the empty tank completely.

(A) 24 hours (B) 30 hours
(C) 36 hours (D) 40 hours
(E) 48 hours

**Q37. Profit & Loss (Mixtures):** A dealer buys 90 kg of Wheat Grade A at Rs. 40/kg and 110 kg of Wheat Grade B at Rs. 55/kg. He mixes both grades and sells 45% of the total mixture at a profit of 20%. At what price per kg should he sell the remaining mixture to earn an overall profit of 25% on the total investment?

(A) Rs. 58.75 (B) Rs. 60.50
(C) Rs. 62.00 (D) Rs. 63.28
(E) Rs. 65.00

**Q38. Simple & Compound Interest:** A person invested a total sum of Rs. 30,000 split into two schemes, M and N. Scheme M offers Simple Interest at 14% p.a., while Scheme N offers Compound Interest at 20% p.a. compounded annually. If the interest earned from Scheme M in 3 years equals the interest earned from Scheme N in 2 years, find the amount invested in Scheme M.

(A) Rs. 14,000 (B) Rs. 15,000
(C) Rs. 16,000 (D) Rs. 16,500
(E) Rs. 18,000

**Q39. Time, Speed & Distance:** Two trains, A and B, start simultaneously from stations X and Y towards Y and X respectively. After crossing each other, train A takes 4 hours 30 minutes to reach Y, and train B takes 8 hours to reach X. If the speed of train A is 80 km/h, find the distance between X and Y.

(A) 720 km (B) 750 km
(C) 770 km (D) 800 km
(E) 840 km

**Q40. Ratio & Percentage:** The total population of a city is 60,000. In one year, the male population increased by 16% and the female population increased by 10%, causing the overall population to reach 68,100. Find the ratio of the initial male population to the initial female population in the city.

(A) 7:5 (B) 3:2
(C) 4:3 (D) 5:3
(E) 11:9

**SECTION 1: PUZZLES & SEATING ARRANGEMENTS (Questions 1–20)**

**SET 1: Circular Seating Arrangement with Variable (Questions 1–5)**

**Directions:** Study the following information carefully and answer the questions.

Eight persons—A, B, C, D, E, F, G, and H—are sitting around a circular table facing towards the center, but not necessarily in the same order. Each person owns a different brand of laptop: Dell, HP, Lenovo, Asus, Acer, Apple, MSI, and Toshiba. The one who owns Dell sits third to the right of A. Only two persons sit between the one who owns Dell and D. B sits second to the right of D and does not own Dell. The one who owns HP sits to the immediate left of B. F sits third to the right of the one who owns HP. C and E are immediate neighbors of each other, and neither of them owns Dell or HP. E does not own Lenovo. The one who owns Asus sits second to the right of G. G does not own Dell and is not an immediate neighbor of D. H sits to the immediate right of the one who owns Apple. The one who owns MSI sits opposite the one who owns Acer. C does not own Acer.

**Q1.** Who among the following owns Lenovo?
(A) A (B) B (C) E
(D) F (E) H

**Q2.** Who sits second to the left of the person who owns Acer?
(A) The one who owns HP
(B) D
(C) The one who owns Apple
(D) C
(E) B

**Q3.** Which of the following statements is/are TRUE regarding H?
(A) H sits opposite A
(B) H owns Asus
(C) H is an immediate neighbor of the one who owns Dell
(D) Both (B) and (C)
(E) All are true

**Q4.** Four of the following five are alike in a certain way based on their seating positions and thus form a group. Which one does not belong to that group?
(A) A – MSI (B) D – Acer (C) G – Acer
(D) F – Lenovo (E) C – Asus

**Q5.** What is the position of C with respect to the one who owns Dell?
(A) Immediate right
(B) Second to the left
(C) Third to the right
(D) Fourth to the left
(E) Immediate left

**SET 2: Floor & Flat Puzzle (Questions 6–10)**

**Directions:** Study the following information carefully and answer the questions.

Eight persons—P, Q, R, S, T, U, V, and W—live in a 4-storey building such that the bottom-most floor is numbered 1 and the top-most floor is numbered 4. Each floor has two flats: Flat-1 and Flat-2 from left to right. Flat-1 of floor 2 is immediately above Flat-1 of floor 1 and immediately below Flat-1 of floor 3, and so on.P lives on an even-numbered floor in Flat-1. There is one floor between P and U, and both live in the same flat number. R lives immediately above U in a different flat number. Q lives to the east of R. S lives on an odd-numbered floor immediately below T, but in different flat numbers. V lives on a floor above W. Neither V nor W lives in Flat-1 of floor 1.

**Q6.** Who lives in Flat-2 of Floor 3?
(A) R (B) Q (C) V
(D) S (E) T

**Q7.** How many floors are between the floor on which T lives and the floor on which W lives?
(A) None (B) One (C) Two
(D) Three (E) Cannot be determined

**Q8.** Who among the following lives immediately below P in Flat-1?
(A) S (B) W (C) U
(D) R (E) T

**Q9.** Which of the following combinations of Person – Floor – Flat is correct?
(A) P – Floor 4 – Flat 1
(B) Q – Floor 3 – Flat 2
(C) V – Floor 4 – Flat 2
(D) S – Floor 1 – Flat 2
(E) T – Floor 2 – Flat 1

**Q10.** Four of the following five are alike in a certain way based on their positions. Which one does not belong to that group?
(A) P (B) R (C) S

Murthy sir's
Spardhaguru India Private Limited
Spardhaguru Skill Edge Aptitude Academy
A Group of Spardhaguru India Private Limited

(D) W (E) U

**SET 3: Box Puzzle (Questions 11–15)**

**Directions:** Study the following information carefully and answer the questions.

Seven boxes—J, K, L, M, N, O, and P—are kept one above the other in a single stack, but not necessarily in the same order. Each box contains a different fruit: Apple, Banana, Mango, Grapes, Orange, Papaya, and Kiwi. Box L is kept at an odd-numbered position from the top. Only two boxes are kept between Box L and the box containing Grapes. Box J contains Apple and is kept immediately below the box containing Grapes. The number of boxes above Box J is equal to the number of boxes below Box N. Box K contains Banana and is kept somewhere below Box N. Box M contains Orange and is kept immediately above Box P.

Box O does not contain Kiwi.

**Q11.** Which box is kept at the top-most position?

(A) L (B) N (C) M
(D) O (E) K

**Q12.** What is the sum of the positions (from bottom to top, 1 to 7) of Box J and Box M?

(A) 7 (B) 8 (C) 9
(D) 10 (E) 11

**Q13.** How many boxes are kept between Box K and Box L?

(A) None (B) One (C) Two
(D) Three (E) Four

**Q14.** Which box contains Kiwi?

(A) N (B) L (C) P
(D) O (E) J

**Q15.** Which of the following statements is TRUE?

(A) Box M is kept on an odd-numbered position
(B) Box N contains Papaya
(C) Only one box is between J and P
(D) Box O is kept immediately above Box L
(E) None is true

**SET 4: Day-Based Scheduling Puzzle (Questions 16–20)**

**Directions:** Study the following information carefully and answer the questions.

Seven persons—A, B, C, D, E, F, and G—attend a corporate workshop on seven different days of the same week starting from Monday to Sunday. Each person likes a different subject: Finance, Marketing, HR, IT, Operations, Legal, and Audit. Only two persons attend the workshop between A and the one who likes HR. A attends the workshop on one of the days before Thursday. B attends immediately after the one who likes HR. The number of persons attending before B is equal to the number of persons attending after the one who likes IT. C attends on Friday and likes Legal. D attends immediately before F. Neither D nor F likes HR or IT. The one who likes Finance attends immediately before the one who likes Marketing. E does not like Operations.

**Q16.** Who attends the workshop on Wednesday?

(A) A (B) G (C) E
(D) B (E) D

**Q17.** The person who likes Operations attends the workshop on which day?

(A) Monday (B) Tuesday
(C) Thursday (D) Saturday
(E) Sunday

**Q18.** How many persons attend the workshop between D and the one who likes Finance?

(A) None (B) One (C) Two
(D) Three (E) Four

**Q19.** Which subject does E like?

(A) HR (B) IT (C) Finance
(D) Audit (E) Operations

**Q20.** Four of the following five are alike in a certain way. Which one does not belong to that group?

(A) Monday – A
(B) Wednesday – HR
(C) Friday – Legal
(D) Saturday – F
(E) Sunday – Operations

**SECTION 2: SYLLOGISM (Questions 21–25)**

Directions (Q. 21–23): In each of the following questions, two/three statements are given followed by conclusions. Decide which of the conclusions logically follow(s).

**Q21.**

**Statements:**

- Only a few Mobiles are Laptops.
- All Laptops are Computers.
- No Computer is a Charger.

**Conclusions:**

I. Some Mobiles being Chargers is a possibility.
II. All Mobiles can never be Laptops.
III. Some Computers are definitely Mobiles.
(A) Only I follows
(B) Only II and III follow
(C) Only I and II follow
(D) All I, II, and III follow
(E) None follows

**Q22.**

**Statements:**

- All North are East.
- Only a few East are South.
- No South is West.

**Conclusions:**

I. Some North are South.
II. No North is South.
III. Some East are definitely not West.
(A) Only III and either I or II follow
(B) Only I follows
(C) Only III follows
(D) Only II follows
(E) None follows

**Q23.**

**Statements:**

- Some Red are Blue.
- Only a few Blue are Green.
- All Green are Yellow.

**Conclusions:**

I. All Blue can be Yellow.
II. Some Red are Green.
III. Some Yellow are Blue.
(A) Only I and II follow
(B) Only I and III follow
(C) Only II and III follow
(D) All I, II, and III follow
(E) None of these

*Directions (Q. 24–25 - Reverse Syllogism): Choose the set of statements from which the given conclusions logically follow:*

**Q24.**

**Conclusions:**

I. Some Alpha are Gamma.
II. All Gamma being Beta is a possibility.
III. No Alpha is Beta.
(A) **Statements:** All Alpha are Delta. No Delta is Gamma. All Gamma are Beta.
(B) **Statements:** Some Alpha are Gamma. Some Gamma are Beta. No Alpha is Beta.
(C) **Statements:** All Alpha are Gamma. Some Gamma are Beta. No Beta is Delta.
(D) **Statements:** Some Alpha are Delta. All Delta are Gamma. No Gamma is Beta.
(E) None of these

**Q25.**

**Conclusions:**

I. Some Apples are Mangoes.
II. All Oranges are Mangoes.
III. Some Mangoes are not Apples.
(A) **Statements:** Only a few Apples are Oranges. All Oranges are Mangoes.
(B) **Statements:** All Apples are Oranges. Only a few Oranges are Mangoes.
(C) **Statements:** No Apple is Orange. All Oranges are Mangoes.
(D) **Statements:** Only a few Apples are Mangoes. All Oranges are Mangoes.
(E) None of these

**SECTION 3: INEQUALITY (Questions 26–30)**

*Directions (Q. 26–28): Statement-based direct and complex bracketed inequalities.*

**Q26.**

**Statement:** $P \geq Q > R = S \leq T < U$; $V \geq R > W$

**Conclusions:**

I. $P > W$
II. $U > V$
(A) Only I follows
(B) Only II follows
(C) Either I or II follows
(D) Neither I nor II follows

(E) Both I and II follow

**Q27.**

**Statement:** $A \leq B < C = D \geq E;\quad F > D \leq G < H$

**Conclusions:**

I. $F > A$

II. $E \leq G$

(A) Only I follows

(B) Only II follows

(C) Either I or II follows

(D) Neither I nor II follows

(E) Both I and II follow

**Q28.**

**Statement:** $M < N \leq O = P > Q \geq R;\quad S \geq O < T$

**Conclusions:**

I. $S > M$

II. $T > R$

(A) Only I follows

(B) Only II follows

(C) Either I or II follows

(D) Neither I nor II follows

(E) Both I and II follow

*Directions (Q. 29–30 - Coded Inequalities):*

- $A@B$ means $A$ is not smaller than $B$ $(A \geq B)$.
- $A\#B$ means $A$ is neither smaller than nor equal to $B$ $(A > B)$.
- $A\$B$ means $A$ is neither greater than nor equal to $B$ $(A < B)$.
- $A\%B$ means $A$ is not greater than $B$ $(A \leq B)$.
- $A \star B$ means $A$ is neither greater than nor smaller than $B$ $(A = B)$.

**Q29.**

**Statements:** $J\#K@L \star M\%N\$O$

**Conclusions:**

I. $J\#M$

II. $N@L$

(A) Only I follows

(B) Only II follows

(C) Either I or II follows

(D) Neither I nor II follows

(E) Both I and II follow

**Q30.**

**Statements:** $W\%X\$Y \star Z\#X@V$

**Conclusions:**

I. $Z\#W$

II. $Y\%V$

(A) Only I follows

(B) Only II follows

(C) Either I or II follows

(D) Neither I nor II follows

(E) Both I and II follow

**SECTION 4: MISCELLANEOUS (Questions 31–40)**

**Coding-Decoding (Questions 31–33)**

**Directions:** Study the following code logic to answer the questions.

**"CREATE VALUE INSIGHT POWER"** is coded as **"E6# E5@ T7# R5@"**

**"GLOBAL MARKET SYSTEM TREND"** is coded as **"L6@ T6# M6# D5@"**

**"FUTURE ACTION DESIGN SMART"** is coded as **"E6# N6@ N6# T5@"**

**Q31.** What is the code for the word "FINANCE"?

(A) E7# (B) E7@ (C) F7#

(D) N7@ (E) E6#

**Q32.** What is the code for the word "PROJECT"?

(A) T7# (B) P7@ (C) T7@

(D) R7# (E) T6#

**Q33.** The code "D6#" stands for which of the following words?

(A) DEMAND (B) METHOD (C) SHIELD

(D) EXPAND (E) FREEDOM

**Coded Blood Relations (Questions 34–35)**

$P + Q$ means $P$ is the father of $Q$.

$P - Q$ means $P$ is the mother of $Q$.

$P \times Q$ means $P$ is the brother of $Q$.

$P \div Q$ means $P$ is the sister of $Q$.

$P = Q$ means $P$ is the son of $Q$.

$P \neq Q$ means $P$ is the daughter of $Q$.

**Q34.** In the expression $K + L \times M = N - O$, how is $K$ related to $N$?

(A) Father (B) Father-in-law

(C) Brother (D) Husband

(E) Uncle

**Q35.** Which of the following expressions indicates that $A$ is the maternal uncle of $B$?

(A) $A \times C - B$ (B) $A + C \div B$

(C) $A \div C + B$ (D) $A = C - B$
(E) $A \times C + B$

**Direction Sense (Questions 36–37)**

Point A is 10 m West of Point B. Point C is 8 m North of Point B. Point D is 14 m East of Point C. Point E is 12 m South of Point D. Point F is 4 m West of Point E.

**Q36.** What is the shortest distance between Point A and Point F?
(A) 4 m (B) 5 m (C) 6 m
(D) 8 m (E) 10 m

**Q37.** What is the direction of Point F with respect to Point B?
(A) North-East (B) South-East
(C) North-West (D) South-West
(E) South

**Order & Ranking & Alphabet/Number Series (Questions 38–40)**

**Q38.** In a row of students facing North, X is 14th from the left end and Y is 18th from the right end. If they interchange their positions, X becomes 23rd from the left end. What is the total number of students in the row?
(A) 39 (B) 40 (C) 41
(D) 42 (E) 43

**Q39.** How many such pairs of digits are there in the number 8429516, each of which has as many digits between them in the number as in the numerical series (in both forward and backward directions)?
(A) None (B) One (C) Two
(D) Three (E) More than three

**Q40.** How many meaningful 4-letter English words can be formed using the 2nd, 4th, 6th, and 8th letters of the word "COMMERCE" (using each letter only once in each word)?
(A) None (B) One (C) Two
(D) Three (E) Four

Murthy sir's
Spardhaguru India Private Limited
Spardhaguru Skill Edge Aptitude Academy
A Unit of Spardhaguru India Private Limited