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 04

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.

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

1. If $\sqrt{2} = 1.414$, find the value of $\sqrt{8} + 2\sqrt{32} - 3\sqrt{128} + 4\sqrt{50}$

A) 5.656 B) 7.070
C) 8.484 D) 9.898

2. Evaluate: $(\sqrt{3}+1)(10+\sqrt{12})(\sqrt{12}-2)(5-\sqrt{3})$

A) 88 B) 132
C) 176 D) 220

3. Evaluate: $\frac{(6.25)\times(0.0144)^{1/2}\times(81)^{1/4}}{0.3\times 3}$

A) 1.20 B) 1.44
C) 1.60 D) 2.00

4. Find the value of $\frac{2+\sqrt{3}}{2-\sqrt{3}}$, given $\sqrt{3} = 1.73$

A) 11.232 B) 12.512
C) 13.420 D) 14.890

5. Evaluate: $\frac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}$

A) $4+\sqrt{15}$ B) $5+2\sqrt{15}$
C) $8+\sqrt{15}$ D) $4-\sqrt{15}$

6. Evaluate: $2\sqrt{50} + \sqrt{18} - \sqrt{72}$

A) $5\sqrt{2}$ B) $7\sqrt{2}$
C) $9\sqrt{2}$ D) $11\sqrt{2}$

7. Evaluate: $\left(\frac{1}{64}\right)^0 + 64^{1/2} + (-32)^{2/5}$

A) 13 B) 15
C) $17\frac{1}{8}$ D) $19\frac{1}{4}$

8. Evaluate: $(4096)^{0.75} - (256)^{0.25} - (64)^{0.5}$

A) 3.75 B) 4.25
C) 5.00 D) 6.50

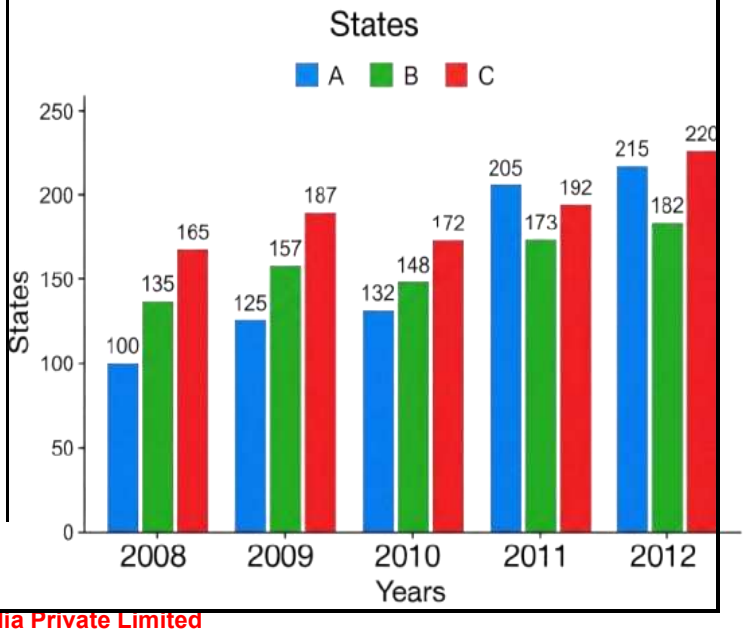
9. Evaluate: $\left(\frac{2.56}{5.76}\right)^{1/6} \times \left(\frac{64}{243}\right)^{-1/3} \times \left(\frac{27}{8}\right)^{-1}$

A) $\frac{1}{9\sqrt{6}}$ B) $\frac{1}{18\sqrt{6}}$
C) $\frac{2}{9\sqrt{6}}$ D) $\frac{1}{27\sqrt{6}}$

10. Simplify: $\left(\frac{a^4b^6}{c^8}\right)^3 \times \left(\frac{b^8c^4}{a^{-6}}\right)^{-2} \times \left(\frac{c^6a^6}{b^4}\right)^2$

A) $\frac{a^{12}}{b^6c^{20}}$ B) $\frac{a^8}{b^4c^{10}}$
C) $\frac{a^{12}c^4}{b^8}$ D) $\frac{b^6}{a^{12}c^{20}}$

Directions: The following bar graph shows the budget allocation for education in three States A, B and C from year 2008 2012 (in ₹ crore).



Q11. The average budget of State B from 2008 to 2012, is what per cent of the average budget of State A through all these years?
(a) 118% (b) 85%
(c) 98% (d) 102%

Q12. There is an increase in the budget allocation of State C in 2013 to the tune of 13% of the average budget allocation from 2009-12. What is the actual increase/decrease in the allocation from 2012?
(a) Decrease by ₹ 2.1925 crore
(b) Increase by ₹ 2.1925 crore
(c) Decrease by ₹ 8.464 crore
(d) Increase by ₹ 8.464 crore

Q13. A total of ₹ 67.3 crore was spent on primary education in State B in 2008. This included 23% of the total allocated amount for 2008 and the remaining amount was borne by NGOs. The amount shared by NGOs is 110% of its previous year share. About how much did the NGOs contribute in the previous year?

(a) ₹ 47.11 crore
(b) ₹ 33 crore
(c) ₹ 28 crore
(d) ₹ 36.25 crore

Q14. In 2011, State A spent three-fourth of the allocated budget for girls. From this amount, money spent for school education and higher education of girls was in the ratio of 20 : 21. How much money was spent for higher education of girls?
(a) ₹ 60 crore
(b) ₹ 78.75 crore
(c) ₹ 63 crore
(d) ₹ 42 crore

Q15. In 2012, State B allocated 35% of the budget for boys. In 2013, this was proposed to be increased by 35% of the allocation for boys in 2012. With no other change, what is the per cent increase in budget allocation for 2013 with reference to 2012?

(a) 35% (b) 12.25%
(c) 75% (d) None of these

Q16. A person spends 28% of his monthly income on food, 30% of the remaining on rent, and saves the rest. If his savings amount to ₹12,600, find his total monthly income.
A) ₹22,500 B) ₹25,000 C) ₹27,000
D) ₹30,000 E) ₹32,000

Q17. In an election between two candidates, 10% of voters did not cast their votes and 20% of the votes cast were declared invalid. The winning candidate secured 55% of the **total valid votes** and won by a majority of 1,440 votes. Find the total number of registered voters.
A) 12,000 B) 15,000 C) 18,000
D) 20,000 E) 25,000

Q18. The price of sugar increases by 37.5%. By what percentage must a family reduce its consumption so that the expenditure on sugar increases by only 10%?
A) 15% B) 18% C) 20%
D) 22.5% E) 25%

Q19. In a school, 60% of the total students are boys and the rest are girls. If 40% of the boys and 70% of the girls cleared the scholarship exam, what percentage of the total students failed to clear the exam?
A) 46% B) 48% C) 52%
D) 54% E) 58%

Q20. A's salary is 40% more than B's salary, and C's salary is 20% less than B's salary. If the difference between A's salary and C's salary is ₹3,600, find B's salary.
A) ₹4,500 B) ₹5,000 C) ₹6,000
D) ₹7,500 E) ₹9,000

Q21. The population of a town increases by 16.67% in the first year, decreases by 14.28% in the second year, and increases by 12.5% in the third year. If the present population is 49,000, what was the population 3 years ago?
A) 36,000 B) 40,000 C) 42,000
D) 45,000 E) 48,000

Q22. If the numerator of a fraction is increased by 150% and the denominator is increased by 300%, the resultant fraction becomes $\frac{5}{14}$. What was the original fraction?
A) $\frac{3}{7}$ B) $\frac{4}{7}$ C) $\frac{5}{8}$ D) $\frac{2}{5}$ E) $\frac{3}{5}$

Q23. A person saves 20% of his monthly income. Two years later, his income increases by 25% and his expenditure increases by 20%. Find the percentage increase in his savings.
A) 35% B) 40% C) 45%
D) 50% E) 60%

Q24. In an examination, a candidate must secure 40% marks to pass. Candidate X got 180 marks and failed by 20 marks. Candidate Y got 430 marks. By what percentage did Y's marks exceed the passing marks?
A) 60% B) 75% C) 80%
D) 90% E) 100%

Q25. The price of diesel goes up by 25%. A vehicle owner reduces his consumption of diesel by x% so that his expenditure increases by only 10%. Find the value of x.
A) 10% B) 12% C) 12.5%
D) 15% E) 16%

Q26. Two numbers P and Q are such that 30% of P added to 40% of Q is equal to 80% of Q. Find the ratio of P to Q.
A) 3:4 B) 4:3 C) 3:5
D) 5:3 E) 4:5

Q27. In a mixture of 80 litres of milk and water, 65% is milk. How much water must be added so that the concentration of milk in the new mixture becomes 50%?

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

A) 20 litres B) 24 litres C) 25 litres
D) 30 litres E) 32 litres

Q28. A person gives 35% of his income to his elder son, 25% of the remainder to his younger son, and 50% of the second remainder to a trust. If he is left with ₹4,875, find his total income.
A) ₹15,000 B) ₹18,000 C) ₹20,000
D) ₹24,000 E) ₹25,000

Q29. The value of a machine depreciates by 20% every year. If its value after 2 years is ₹32,000, what was its original purchase price?
A) ₹45,000 B) ₹50,000 C) ₹55,000
D) ₹60,000 E) ₹64,000

Q30. In an office, 60% of the employees are men and the rest are women. If 20% of the men and 40% of the women are temporary workers, what percentage of the total employees are permanent workers?
A) 68% B) 70% C) 72%
D) 75% E) 80%

Q31.
200, 300, 450, 675, 1012.5, ?
A) 1417.5 B) 1518.75
C) 1620.25 D) 1550.50
E) 1485.75

Q32.
800, 720, 612, 489.6, 342.72, ?
A) 171.36 B) 205.632
C) 188.496 D) 192.544 E) 164.208

Q33.
120, 180, 216, 237.6, 249.48, ?
A) 254.4696 B) 256.464
C) 255.654 D) 252.18
E) 258.85

Q34.
400, 440, 528, 686.4, 960.96, 1441.44
A) 440 B) 528 C) 686.4
D) 960.96 E) 1441.44

Q35.
500, 250, 375, 937.5, 3281.25, ?
A) 13945.3125 B) 14765.625
C) 15240.25 D) 16406.25
E) 12350.75

Data Sufficiency
Options for all questions:
A) Statement (I) alone is sufficient to answer the question, while Statement (II) alone is not sufficient.
B) Statement (II) alone is sufficient to answer the question, while Statement (I) alone is not sufficient.
C) Either Statement (I) alone or Statement (II) alone is sufficient to answer the question.
D) Both Statements (I) and (II) together are not sufficient to answer the question.
E) Both Statements (I) and (II) together are necessary to answer the question.

Q36. What is the cost price of the article?
Statement I: The article is sold at a 15% discount on the marked price, generating a profit of ₹120.
Statement II: The marked price of the article is 40% above its cost price.
A) D B) E C) B D) C E) A

Q37. What is the profit percentage earned by selling a table?
Statement I: The selling price of 15 tables is equal to the cost price of 18 tables.
Statement II: The cost price of each table is ₹400.
A) D B) E C) B D) C E) A

Q38. Find the percentage discount offered on an item.
Statement I: The item is marked up by 50% above the cost price.
Statement II: The profit percentage earned after giving the discount is 20%.
A) D B) E C) B D) C E) A

Q39. What is the ratio of the cost price of item X to item Y?
Statement I: Item X is sold at a 20% profit and item Y is sold at a 10% loss, resulting in overall no profit and no loss.
Statement II: The selling price of item X is ₹200 more than the selling price of item Y.
A) D B) E C) B D) C E) A

Q40. What is the overall profit or loss percentage when two watches are sold?
Statement I: Both watches are sold for ₹1,200 each.
Statement II: One watch is sold at a 20% profit and the other at a 20% loss.
A) D B) E C) B D) C E) A

Direction: Coding & Decoding

club house near located = ol gp ox ot
both club view near = mt ox sq ot
make located house view = nk ol gp sq
near club view area = ot ox sq tm

Q1. What is the code for 'both' in the given code language?
(a) ox (b) sq (c) mt
(d) ot (e) Either (b) or (c)

Q2. What is the code for 'house' in the given code language?
(a) ol (b) ox (c) gp
(d) Either (a) or (c)
(e) None of these

Q3. The code 'nk' stands for which of the following words?
(a) make (b) both (c) area
(d) club (e) None of these

Q4.
44 : 242 :: 56 : ?
A) 392 B) 364 C) 412
D) 380 E) 448

Q5.
BASKET : TEKSAA :: PUZZLE : ?
A) ELZZUP B) ELZZUP C) ELZZUD
D) ELZZUE E) ELZZVF

Q6.
18 : 321 :: 22 : ?
A) 481 B) 479 C) 502
D) 463 E) 487

Q7.

DF : 40 :: H J : ?
A) 164 B) 144 C) 180
D) 132 E) 156

Q8.
14 : 112 :: 18 : ?
A) 162 B) 180 C) 198
D) 216 E) 144

Directions : (Q No: 09 – 11)

In a row of boys and girls, Radha is sixth from the top and Atul is twelfth from top. Radha is fourth from the top and sixth from bottom among girls. Atul is seventh from the top and twenty-fourth from bottom among boys.

Q9. How many children are there in the row?
a) 41 b) 39 c) 48
d) 49 e) None of these

Q10. How many girls are sitting below Atul?
a) 15 b) 4 c) 16
d) 18 e) None of these

Q11. How many boys and girls are sitting there between Radha and Atul?
a) 1 girl – 4 boys
b) 4 girls – 1 boy
c) 5
d) 4
e) None of these

Directions (Q. Nos. 12 – 15) In the questions below are given two conclusions followed by five set of statements. You must choose the correct set of statements that logically satisfies given conclusions either definitely or possibly. Assume the given conclusions to be true even if they seem to be at variance from commonly known facts.

Q12. Conclusions
Some F is A.
No E is C.
Statements
(a) Some F is B. All B is C. No C is D. All Dis A. Some D is E.
(b) Some F is B. All B is A. No A is C. All D is C. Some C is E.
(c) All A is F. No F is C. All B is C. Some C is D. All D is E.
(d) Some A is E. All E is F. No F is C. All D is C Some C is B.
(e) None of the above

Q13. Conclusions
Some air is system.
Some road is control.
Statements
(a) All air is control. Some control is system. All system is idea. Some idea is traffic. All traffic is road.
(b) All air is road. Some air is traffic. All traffic is control. All control is system. Some system is idea

(c) Some air is road. All road is idea. Some idea is traffic. All traffic is system. All system is control.
(d) All air is traffic. Some traffic is control. All control is system. Some system is idea. All idea is road
(e) None of the above

Q14.. Conclusions
Some man is not doll.
Some toy is man.
Statements
(a) All toy is boy. Some boy is child. No child is man. All man is girl. All girl is doll.
(b) Some toy is man. All man is doll. No doll is girl. All boy is girl. Some girl is child.
(c) Some toy is child. All child is man. Some man is girl. No girl is doll. All boy is doll.
(d) Some toy is girl. All girl is doll. No doll is child. All boy is child. Some child is man.
(e) None of the above

Q15. Conclusions
Some red is white.
Some yellow is red.
Statements
(a) All white is black. All black is red. Some red is violet. All violet is yellow. Some yellow is grown
(b) All white is violet. Some violet is red. All red is black. Some black is yellow. All yellow is green
(c) All white is green. Some green is red. All red is black. Some black is violet. All violet is yellow
yellow is black. Some black is violet. All violet is gree
(e) None of the above

Q16.
Given Word: ULTRANATIONALISM
Which of the following words **CAN** be formed using **only** the letters from the given word (each letter used no more than its frequency in the original word)?
A) ULTRAMONTANE
B) ULTRAIST
C) NATIONALIST
D) ULULATE
E) MULTINATIONAL

Q17.
Given Base Word: ALLEGATIONAL
From the given options, select the word that **CANNOT** be formed using the letters of the given base word.
A) GALLANT
B) ALLEGATION
C) NATAL
D) ALERT
E) TALLAGE

Q18. Pointing to the photograph of a man Gopesh, a lady said, "His daughter's father's mother's only daughter's husband's father's only son is the husband of my husband's

sister". If Gopesh is the only son of his parents, how is the lady related to Gopesh?
(a) Niece (b) Wife
(c) Sister (d) Mother

Q18. If 'A & B' means 'A is the father of B' and 'A @ B' means 'A is the sister of B', then which of the following expressions means H is the father of M'?
(a) K & H @ P @ M
(b) M & K @ P @ H
(c) H & K @ P @ M
(d) H @ K @ P & M

Directions (Q. Nos. Q19 – Q21)
Two friends A and B are playing in a park. After some time, A went to his home and B went to his office. A walked 8 m towards North from the park and turned right and walked for 8 m, then took a right turn and walked for 8 m to reach the mall, then started walking in the North-East direction and covered a distance of 13 m, then started walking in the South direction and covered a distance of 12 m to reach the bus stand and finally, turned left and walked for 6 m to reach home. B walked 2 m towards the East from the park and turned left and walked 6 m, then turned right and walked 2 m. He, then turned right and walked 9 m and turned left and walked 2 m and again turned right and walked 2 m and finally turned left and walked 2 m to reach office.

Q19. What is the total distance covered by A from the park to the mall ?
(a) 20 m (b) 24 m
(c) 19 m (d) 16 m
(e) 12 m

Q20. What is the shortest distance between the mall and the bus stand?
(a) 5 m (b) 25 m
(c) 6 m (d) 7 m
(e) 9 m

Q21. In which direction is B's office with respect to B's initial position?
(a) South-East (b) South-West
(c) South (d) North

Direction (Q.nos .22-26)
'P # Q' means 'P is not smaller than Q'.
'P % Q' means 'P is not greater than Q'.
'P @ Q' means 'P is neither smaller than nor equal to Q'.
'P $ Q' means 'P is neither greater than nor equal to Q'.
'P © Q' means 'P is neither smaller than nor greater than Q'.
In each of the following questions assuming the given statements to be true, find out the two

Conclusion I and II given below them is/are true.

Q22. Statements H © W, W % R, R @ F
Conclusion I. R © H II. R @ H

1) If only conclusion I is true
2) If only conclusion II is true
3) If either conclusion I or II is true
4) If neither Conclusion I nor II is true
5) If both Conclusion I and II are true

Q23. Statements M $ T, T @ K, K © D
Conclusion I. D $ T II. K $ M

1) If only conclusion I is true
2) If only conclusion II is true
3) If either conclusion I or II is true
4) If neither Conclusion I nor II is true
5) If both Conclusion I and II are true

Q24. Statements R % N, N # F, F @ B
Conclusion I. F © R II. B $ N

1) If only conclusion I is true
2) If only conclusion II is true
3) If either conclusion I or II is true
4) If neither Conclusion I nor II is true
5) If both Conclusion I and II are true

Q25. Statements H @ W, W $ M, M # K
Conclusion I. K $ W II. H @ M

1) If only conclusion I is true
2) If only conclusion II is true
3) If either conclusion I or II is true
4) If neither Conclusion I nor II is true
5) If both Conclusion I and II are true

Q26. Statements R # T, T © M, M @ D
Conclusion I. D $ T II. R # M

1) If only conclusion I is true
2) If only conclusion II is true
3) If either conclusion I or II is true
4) If neither Conclusion I nor II is true
5) If both Conclusion I and II are true

Twelve people are sitting in two parallel rows containing six people each such that they are equidistant from each other. In row 1, Anika, Bianca, Catlyn, Dhruv, Esha and Feroj are sitting facing South. In row 2, Parul, Qadir, Rudra, Saumya, Tanuj and Vikram are sitting facing North. Therefore, in the given seating arrangement, each member sitting in a row faces another member of the other row. Three people sit between Catlyn and Dhruv. Either Catlyn or Dhruv sits at an extreme end of the line. The one who faces Dhruv sits third to the left of Rudra. Saumya faces the one who sits third to the left of Anika and he cannot sit adjacent to Rudra. The immediate neighbour of Qadir faces the immediate neighbour

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

of Anika. Only one person sits between Parul and Tanuj, who is facing the one sitting on the immediate right of Esha. Neither Esha nor Feroj faces Rudra. Vikram and Qadir cannot sit adjacent to each other.

Q27. Who among the following faces Bianca?
(a) Parul (b) Qadir (c) Tanuj
(d) Rudra (e) Saumya

Q28. Who among sit at the extreme ends of the rows?
(a) Dhruv, Qadir (b) Tanuj, Feroj
(c) Esha, Saumya (d) Bianca, Tanuj
(e) Feroj, Qadir

Q29. If Esha is related to Parul in the same way as Catlyn is related to Saumya, which of the following is Anika related to following same pattern?
(a) Vikram (b) Rudra
(c) Qadir (d) Tanuj
(e) Can't be determined

Q30. How many persons are sitting between Esha and Feroj?
(a) None (b) One (c) Two
(d) Three (e) Four

Q31. Four of the following five are alike in a certain way based on the given arrangement and so form a group. Which is the one that does not belong to that group?
(a) Parul–Dhruv
(b) Qadir–Anika
(c) Qadir–Feroj
(d) Saumya–Bianca
(e) Tanuj– Anika

Q32. Which of the following is true regarding Parul?
(a) Qadir is an immediate neighbour of Parul.
(b) Parul faces the immediate neighbour of Bianca.
(c) Parul sits second from the left end of the row.
(d) Parul sits at one of the extreme ends.
(e) Parul faces who is second from the right end of the row.

There are seven students – A, B, C, D, E, F and G in a class. Each of the them has a different favorite subject – English, Mathematics, Physics, Chemistry, Biology, Sociology and Philosophy. Each of the students secured different marks in the examination. C has secured second highest marks and neither English nor Mathematics is his favorite subject. E secured the least marks and neither Sociology nor Mathematics is his favorite subject. The favorite subject of D is Physics and he secured more marks than B and G but less than A. The favorite subject of B is Biology and his marks are more than the marks of E but less than the marks of G. The favorite subject of a is Philosophy. The student, whose

favorite subject is Chemistry, got the highest marks.

Q33. Chemistry is the favorite subject of
a) A b) c c) F
d) G e) None of these

Q34. Which is the favorite subject of E?
a) English b) Mathematics
c) Biology d) Data inadequate
e) None of these

Q35. When all the seven students are arranged according to their marks in descending order, what is the position of A from the top
a) Second b) Third
c) Fourth d) Data inadequate
e) none of these

Q36.
What is the favourite subject of G
a) Mathematics
b) Sociology
c) Either Mathematics or Sociology
d) Data inadequate
e) none of these

Q37. Who got the second least marks
a) C b) D e) A
c) G d) none of these

Q38 $A \ @ \ B \implies A > B$
- $A \ \# \ B \implies A \geq B$
- $A \ \delta \ B \implies A = B$
- $A \ * \ B \implies A < B$
- $A \ \$ \ B \implies A \leq B$

Statement:
$$M \ \# \ N \ @ \ O \ \delta \ P \ \# \ Q \ * \ R$$
Conclusions:
I. $M \ @ \ P$
II. $N \ \# \ Q$
A) Only Conclusion I is true
B) Only Conclusion II is true
C) Either Conclusion I or II is true
D) Neither Conclusion I nor II is true
E) Both Conclusions I and II are true

Q39. Coded Symbol Values:
$X \ \% \ Y \implies X$ is 4m North of Y
$X \ \& \ Y \implies X$ is 6m East of Y
$X \ \# \ Y \implies X$ is 4m South of Y
$X \ @ \ Y \implies X$ is 6m West of Y
Given Expression:
$$P \ \% \ Q \ \& \ R \ \# \ S \ @ \ T$$
Question: What is the position of T with respect to P?
A) 4m North B) 6m East
C) 4m South D) 6m West
E) At the same point

Q40.
A decimal number N is converted to a 4-bit binary code where $1 = @$ and $0 = \#$.
A) @ @ # @
B) @ # @ @
C) @ @ @ #
D) @ # @ #
E) # @ @ @