

Reasoning & Computer Aptitude Set 1

(Questions 1 to 40)

DIRECTIONS (Qs 1 -5): Study the following information carefully and answer the questions given below.

Eight people viz. A, B, C, D, E, F, G and H lives in a Building on different floors from top to bottom (such as ground floor numbered as 1) but not necessarily in the same order.

There is a gap of three floors between D and F and both of them lives on odd number of floor. H lives just above B, who lives on even numbered floor. C lives on floor number 6. Only one person lives between F and G. D lives above C. Three persons live between E and B.

Q1. Who among the following lives on ground floor?

(A) H (B) D (C) E (D) G (E) None of these

Q2. Who among the following lives immediately below F??

(A) E (B) C (C) A (D) B (E) None of these

Q3. How many persons lives between D and B?

(A) One (B) Three (C) Five (D) Two (E) None of these

Q4. Who among the following lives on the topmost floor?

(A) H (B) D (C) E (D) G (E) None of these

Q5. Which of the following combination is wrong?

(A) D-7 (B) F-3 (C) A-2 (D) B-4 (E) H-1

DIRECTIONS (Qs 6 -10): Study the following number sequence and answer the questions following it.

9 3 2 4 5 7 9 5 8 1 5 0 6 4 2 9 8 2 6 3 5 9 8 2 1 5
4 3 2 1

Q6. How many odd numbers are there in the numeric series which are immediately preceded by a number, which is a whole square?

(A) One (B) Two (C) Three (D) More than three (E) None of these

Q7. If all the odd numbers are dropped from the series, which number will be eighth to the left of eleventh number from the left end?

(A) 2 (B) 8 (C) 6 (D) 4 (E) None of these

Q8. If 1 is subtracted from all odd numbers and 2 is subtracted from all even numbers in the given number series, then which number will be sixteenth from the right end?

- (A) 0 (B) 2 (C) 3 (D) 8 (E) 6

Q9. If the position of the 1st and the 16th numbers, the 2nd and the 17th numbers, and so on up to the 15th and the 30th numbers, are interchanged, which number will be 7th to the right of 19th number from the right end?

- (A) 5 (B) 9 (C) 8 (D) 4 (E) None of these

Q10. How many total even numbers which is immediately preceded by a 'whole cube' or immediately preceded by a 'whole square' in the above sequence?

- (A) Four (B) Five (C) Three (D) Six (E) None of these

DIRECTIONS (Qs 11 -15): Study the following information carefully and answer the questions given below:

Six students — A, B, C, D, E and F — sit in a row, all facing either North or South, and each has a different age.

1. Only one student in the row faces North; the remaining five face South.
2. Two students sit between A and E, and one of them (A or E) sits at an extreme end.
3. Three students sit between the students whose ages are 16 and 44.
4. The student whose age is 17 sits second to the left of E.
5. As many students sit between E and the student whose age is 17 as sit between the students whose ages are 17 and 30.
6. B sits immediate right of the student whose age is 17.
7. One student sits between D and F, and neither D nor F sits at an extreme end.
8. B is older than C.
9. E, whose age is even numbered, is older than F, who faces North.
10. The student whose age is 21 sits third to the left of the student whose age is 22

Q11. How many students are sitting between C and the student whose age is 22?

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

Q12. Who among the following sits immediate right of F?

- (A) D (B) Student whose age is 21 (C) E
(D) Student whose age is 44 (E) None of these

Q13. What is the position of B with respect to the 2nd youngest student?

- (A) 2nd to the right
(B) Immediate left
(C) Immediate right
(D) 2nd to the left
(E) None of these

Q14. What is the age of student who sits immediate left of D?

- (A) 16 (B) 17 (C) 29 (D) 22 (E) None of these

Q15. How many students are facing North?

- (A) Two (B) Three (C) One (D) None (E) More than three

DIRECTIONS (Qs 16 -20): Study the following information carefully and answer the questions given below:

Seven women are buying different fruits. Only one woman buy fruits between T and S. U is buying fruits immediately before T. Two women buy fruits between T and V. T buy fruits after V. W buys fruits immediately before V. More than three women buy fruits between W and X. Only three women buy fruits between V and Y.

Q16. How many women buy fruits between S and X?

- (A) One (B) Two (C) Three (D) Four (E) More than four

Q17. Who among the following buy fruit immediately after X?

- (A) V (B) U (C) Y (D) S (E) No one

Q18. Who among the following buy fruit immediately before Y?

- (A) V (B) U (C) T (D) S (E) No one

Q19. How many women buy fruits before S?

- (A) One (B) Two (C) Three (D) Four (E) More than four

Q20. As many as women are buying fruits before V as after.....?

- (A) W (B) U (C) X (D) S (E) Y

DIRECTIONS (Qs 21 -25): Study the following information carefully and answer the questions given below:

In a certain code

‘support the other group’ is written as ‘ja pe la no’,

‘the mission gains support’ is written as ‘ ke ja zi la’,

‘gains other than money’ is written as ‘ fu no ho zi’ and

‘more support and money’ is written as ‘ re qi fu ja’

Q21. What is the code for ‘group’?

- (A) ja (B) pe (C) la (D) no (E) Can not be determined

Q22. What does ‘zi’ stands for?

- (A) mission (B) than (C) other (D) the (E) gains

Q23. Which of the following may represent ‘more than the group’?

- (A) la qi ho pe (B) re la qi ho (C) re no la pe (D) pe ke qi la

(E) qi ho la fu

Q24. What is the code for ‘mission’?

- (A) la (B) zi (C) ke (D) ja (E) ke or la

Q25. Which of the following may represent ‘money support group’?

- (A) fu ja pe (B) re bu qi (C) zi qi yo (D) yo fu no (E) la fu bu

DIRECTIONS (Qs 26 -30): Study the following information carefully and answer the questions given below:

A,B,C,D,E,F,G and H are eight family members. They all leave for shopping mall in a same day but on different time viz. 1pm, 2pm, 3pm, 4pm, 5pm, 6pm, 7pm and 8pm but not necessarily in the same order.

A leaves for mall after 5pm. Three persons leave for mall between **A** and **H**. Two persons leave for mall between **H** and **D**. Three persons leave for mall between **B** and **D**. One person leaves for mall between **B** and **C**. Three persons leave for mall between **C** and **F**. Two persons leave for mall between **F** and **G**. **E** leaves for mall after 4pm but not on 8pm.

Q26. Who among following leaves for mall no 1pm?

- (A) D (B) A (C) E (D) B (E) C

Q27. Who among the following leaves for mall immediately after A?

- (A) D (B) F (C) E (D) No One (E) C

Q28. Which of the following combinations of person -timing is definitely correct?

- (A) G-3pm (B) H-5pm (C) E-6pm (D) A-7pm (E) None of these

Q29. How many persons leave for mall between G and D?

- (A) One (B) Three (C) More than three (D) two (E) No one

Q30. Who among leaves for mall on 4pm?

- (A) H (B) D (C) E (D) B (E) one of these

Q31. Who is regarded as the 'Father of the Computer'?

- (A) Charles Babbage
- (B) Alan Turing
- (C) Bill Gates
- (D) Blaise Pascal
- (E) John Napier

Q32. The use of microprocessors was introduced in which generation of computers?

- (A) First generation
- (B) Second generation
- (C) Third generation
- (D) Fourth generation
- (E) Fifth generation

Q33. Which of the following is considered the 'brain' of a computer, responsible for processing instructions?

- (A) RAM
- (B) CPU
- (C) Hard Disk
- (D) Motherboard
- (E) ROM

Q34. Which of the following is a volatile form of memory (loses data when power is off)?

- (A) ROM
- (B) RAM
- (C) Hard Disk
- (D) Pen Drive
- (E) CD-ROM

Q35. One byte is equal to how many bits?

- (A) 2 bits
- (B) 4 bits
- (C) 8 bits
- (D) 16 bits
- (E) 32 bits

Q36. Which of the following is an example of an output device?

- (A) Keyboard
- (B) Mouse
- (C) Scanner
- (D) Printer
- (E) Joystick

Q37. Which of the following is an example of system software?

- (A) MS Word
- (B) Tally
- (C) Operating System
- (D) Photoshop
- (E) Google Chrome

Q38. MICR (Magnetic Ink Character Recognition) technology is most commonly used in which industry?

- (A) Healthcare
- (B) Banking
- (C) Aviation
- (D) Retail
- (E) Education

Q39. In MS Word, which keyboard shortcut is used to make selected text bold?

- (A) Ctrl+I
- (B) Ctrl+U
- (C) Ctrl+B
- (D) Ctrl+P
- (E) Ctrl+N

Q40. The default file extension of an MS Excel workbook (2007 onwards) is:

- (A) .doc
- (B) .xls
- (C) .xlsx
- (D) .ppt
- (E) .txt

ANSWER KEY WITH EXPLANATIONS

There is a gap of three floors between D and F and both of them lives on odd number of floor →

D at floor 7 and F at floor 3

H lives just above B, who lives on even numbered floor → H at floor 5 and B at floor 4

Only one person lives between F and G → F at floor 3 and G at floor 1

D lives above C → D at floor 7 and C at floor 6

Three persons live between E and B → E at floor 8 and B at floor 4

Final Arrangement:

Floors	Persons
8	E
7	D
6	C
5	H
4	B
3	F
2	A
1	G

- 1) D
- 2) C
- 3) D
- 4) C
- 5) E

Solutions (Qs 6 to 10)

- 6) D (More than three(E))
- 7) B
- 8) A
- 9) D
- 10) B

Solutions (Qs 11 to 15)

- Clues 3 + 8: 44 and 16 have three students between them, and the 44-year-old (B) is older than the 16-year-old (C) → C = 16, B = 44, four apart with 3 seats between → positions (1,5) or (2,6).
- Clue 7: one seat between D and F, neither at an extreme end → D, F occupy two seats 2 apart, both from {2,3,4,5}.
- Clue 4 & 6: 17-year-old is 2 left of E, and B sits immediately right of the 17-year-old.
- Working through the seat math (as before): C=1, D=2, A=3, F=4, B=5, E=6 satisfies all ten clues.
- Clue 10 (corrected): 21 is 3rd left of 22 → A = 21, E = 22.
- Clue 4: 17-year-old is 2nd left of E(6) → position 4 = F = 17.
- Clue 6: B immediately right of F → confirms B = 5.
- Remaining age, 30, goes to D.
- Clue 9: E(22, even) older than F(17), and F faces North → only North-facer is F; everyone else faces South (Clue 1).

Final Arrangement:

Position	1	2	3	4	5	6
Student	C	D	A	F	B	E
Age	16	30	21	17	44	22
Direction	South	South	South	North	South	South
11) D	12) D	13) C	14) A	15) C		

Solutions (Qs 16 to 20)

Only one woman buy fruits between T and S → Only one woman in between T and S

U is buying fruits immediately before T → U comes before T

Two women buy fruits between T and V → Only two women in between T and V

T buy fruits after V → T comes after V

W buys fruits immediately before V → W comes before V then sequence of buying fruits becomes W V T

More than three women buy fruits between W and X → More than three women in between W and X

Only three women buy fruits between V and Y → Only Three women in between V and Y buys fruit

Final Arrangement:

Sequence of Buying fruits	Women
1	W
2	V
3	S
4	U
5	T
6	Y
7	X

16) C

17) E

18) C

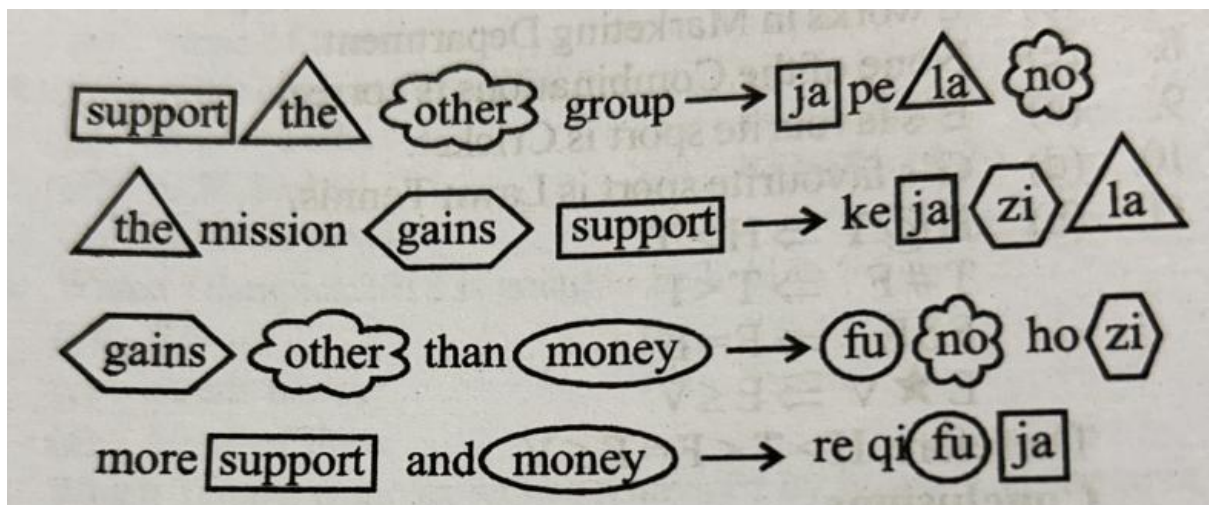
19) B

20) E

Solutions (Qs 21 to 25)

Final Arrangement:

Word	Code
Support	ja
the	la
other	no
group	pe
mission	ke
gains	zi
than	ho
money	fu
more	re/qi
and	re/qi



21) B

22) E

23) A

24) C

25) A

Solutions (Qs 26 to 30)

Final Arrangement:

Timings	Persons
1pm	C
2pm	G
3pm	B
4pm	H
5pm	F
6pm	E
7pm	D
8pm	A

26)E

27)D

28)C

29)C

30)A

31)A

32)D

33)B

34)B

35)C

36)D

37)C

38)B

39)C