



**CAMPUSMONK**

# LOGICAL REASONING

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## Logical Reasoning

Answer: A

Link: <https://youtu.be/Ar3ehguD1wo>

1. Seven friends P, Q, R, S, T, U and V are sitting in a circular table facing the center.

- I. P is between T and U
- II. V is between Q and R
- III. S is left of U and Right of Q

Who is exactly right of R?

- a. U
- b. P
- c. V
- d. Q



Answer: C

Link: <https://youtu.be/EJk-2qWiD3E>

2. Directions : Study the following information and answer the questions given below:

M, N, P, R, T, W, F and H are sitting around a circle facing the centre. P is third to the left of M and second to the right of T. N is second to the right of P. R is second to the right of W, who is second to the right of M. F is not an immediate neighbour of P.

Who is to the immediate right of P?

- a. H
- b. F
- c. R
- d. Data inadequate
- e. None of these

3. Directions : Study the following information and answer the questions given below:

M, N, P, R, T, W, F and H are sitting around a circle facing the centre. P is third to the left of M and second to the right of T. N is second to the right of P. R is second to the right of W, who is second to the right of M. F is not an immediate neighbour of P.

Who is to the immediate right of H?

- a. H
- b. F
- c. R
- d. Data inadequate
- e. None of these

Answer: E

Link:

<https://youtu.be/rg2NtZF3gmw>



4. A, B, C, D, E, F, G and H are sitting around a circle facing the centre. F is third to the right of C and second to the left of H. D is not an immediate neighbour of C or H. E is on the immediate right of A, who is second to the right of G.

Who sits between G and D?

- a. H
- b. D
- c. F
- d. E
- e. None of these

Answer: C



Link: <https://youtu.be/i7f4zt0hjKc>

5. Which of the following is the correct of B with respect to H?

- I. Second to the right
- II. Fourth to the right
- III. Fourth to the left
- IV. Second to the left

- a. Only I
- b. Only II
- c. Only III
- d. Both II & III
- e. None of these

Answer: D



Link:

<https://youtu.be/tK5Dme6SSlU>

6. Ashwini, Priya, Sudha, Rani, Meeta, Geeta and Mukta are sitting around a circle facing the centre. Ashwini is third to the left of Mukta and to the immediate right of Rani. Priya is second to the left of Geeta, who is not an immediate neighbour of Meeta

Who is to the immediate right of Priya?

- a. Meeta
- b. Sudha
- c. Mukta
- d. Cannot be determined
- e. None of these

Answer: C



Link: <https://youtu.be/yQfqkl0ppIk>

7. Ashwini, Priya, Sudha, Rani, Meeta, Geeta and Mukta are sitting around a circle facing the centre. Ashwini is third to the left of Mukta and to the immediate right of Rani. Priya is second to the left of Geeta, who is not an immediate neighbour of Meeta

Who is second to the left of Rani?

- a. Ashwini
- b. Meeta
- c. Priya
- d. Sudha
- e. None of these

Answer: E



Link:

<https://youtu.be/WfBlakzVKmU>

8. Ashwini, Priya, Sudha, Rani, Meeta, Geeta and Mukta are sitting around a circle facing the centre. Ashwini is third to the left of Mukta and to the immediate right of Rani. Priya is second to the left of Geeta, who is not an immediate neighbour of Meeta

Which of the following pairs of persons has the first person sitting to the immediate left of the second person?

- a. Rani-Meeta
- b. Ashwini-Geeta
- c. Sudha-Priya
- d. Geeta-Sudha
- e. None of these

Answer: D



Link: <https://youtu.be/nYsrSHNHGn4>

9. Directions : Study the information and answer the following questions:

There are six people A,B,C,D,E and F.  
All of them have different heights  
A is taller than F&D. B is shorter than  
only two people including A. A is not  
the tallest. C is taller than D but  
shorter than F.  
The height of 2nd tallest person and  
the 2nd shortest person is 153 cm and  
135 cm respectively.

What is the possible height of F?

- a. 140 cm
- b. 165 cm
- c. 100cm
- d. 134 cm
- e. 130 cm

Answer: A



Link:

<https://youtu.be/LAGthFn8C7E>

10. Directions : Study the information and  
answer the following questions:  
There are six people A,B,C,D,E and F.  
All of them have different heights  
A is taller than F&D. B is shorter than  
only two people including A. A is not  
the tallest. C is taller than D but  
shorter than F.  
The height of 2nd tallest person and  
the 2nd shortest person is 153 cm and  
135 cm respectively.  
Who among the following is the 3<sup>rd</sup>  
shortest?

- a. A
- b. C
- c. B
- d. E
- e. F

Answer: B



Link: <https://youtu.be/LAGthFn8C7E>

11. Directions :

There are 7 friends — A, B, C, D, E, F  
and G. All have different heights. B is  
taller than F but shorter than E. E is  
not the tallest. A is taller than both F  
and C. C is taller than G. A is taller than  
only 3 friends.

Who is the tallest of all friends?

- a. F
- b. G
- c. D
- d. B
- e. CND

Answer: C



Link: <https://youtu.be/adtpsA7dC7I>

12. Directions :

There are 7 friends — A, B, C, D, E, F  
and G. All have different heights. B is  
taller than F but shorter than E. E is  
not the tallest. A is taller than both F  
and C. C is taller than G. A is taller than  
only 3 friends.

C can be placed at how many possible  
positions in the arrangement  
obtained?

- a. Other than given in options
- b. One
- c. Two
- d. Three
- e. CND

Answer: C



Link: <https://youtu.be/adtpsA7dC7I>

13. Six friends P, Q, R, S, T and U are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal. P is second to the left of U. Q is neighbour of R and S. T is second to the left of S.

Who is the fourth person to the left of Q?

- P
- U
- R
- Data inadequate

Answer: A

Link: [https://youtu.be/\\_Kc5K0vCc7Q](https://youtu.be/_Kc5K0vCc7Q)



14. In a certain code,:

P + Q means P is the father of Q,  
P - Q means P is the wife of Q.  
P x Q means P is the daughter of Q and  
P/Q means P is the brother of Q

If  $F \times G - H + J/K$ , which of the following statements may not be true?

- H is the father of K
- B. K is the son of G
- C. J is the brother of F
- D. F is the sister of K

Answer: B

Link: [https://youtu.be/pMsa\\_yxekS4](https://youtu.be/pMsa_yxekS4)



15. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting?

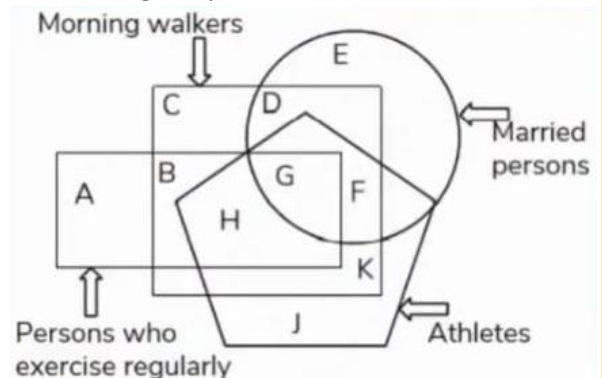
- Between B and D
- Between B and C
- Between E and D
- Between C and E

Answer: B



Link: <https://youtu.be/IPcfbFNPiy0>

16. Which letter represents married athletes who are morning walkers also but do not exercise regularly?



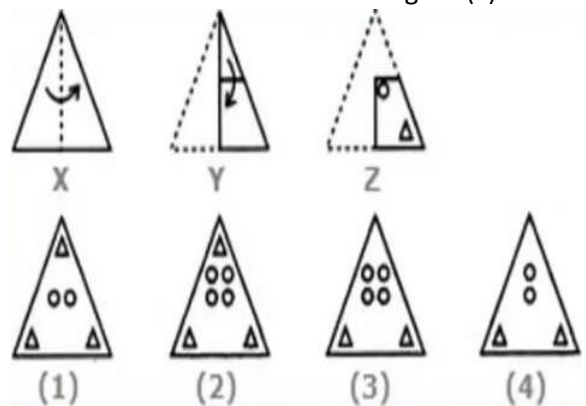
- G
- F
- H
- O

Answer: B

Link: <https://youtu.be/WUgKiVVL34E>



17. Choose a figure which would most closely resemble the unfolded form of Figure (Z).



- 1
- 2
- 3
- 4

Answer: C

Link: <https://youtu.be/Q2FGxLDTdWE>



18. Statements: All organizers are participants  
Some organizers are managers All managers are females  
Conclusions:

- Some participants are managers
  - Some females are participants
  - No females is an organizer
  - All participants are females
- Only conclusion I, II and III follow
  - Only conclusion I and IV follow
  - Only conclusion I and II follow
  - Only conclusion II, III and IV follow

Answer: C

Link: <https://youtu.be/B-QpwT9VhVM>



19. There is a wrong term in the following numbers/letters series. Find the wrong term of the series.

P3C, R5F, T 8I, V 12L, X 180, Z23R

- 3
- 5
- 8
- 12
- 18

Answer: E

Link: <https://youtu.be/Rz3jfJkkQgo>



20. Which is the wrong term in the following series?

RSPH, UWUN, XAZT, AEEZ, DIKG

- UWUN
- AEEZ
- DIKG
- RSPH

Answer: C

Link: <https://youtu.be/zXX92wyvvdI>



21. How is Y related to P?

- P is the mother of X, who is the only brother of Y.

- Q is the father of Z, who is the sister of Y.
- P has three children in which only one is son.

- Only I and III are sufficient to answer the question.
- All I, II and III are required to answer the question.
- Only II and III are sufficient to answer the question.
- Question cannot be answered even with all I, II and III.
- Only I and II are sufficient to answer the question.

Answer: A

Link: <https://youtu.be/o0gxHuzzF08>



22. The numbers of students studying in six different disciplines of a college are given below. Study the given data and answer the questions that follow.

Number of Students in different disciplines

| Disciplines    | Total | Boys | Girls |
|----------------|-------|------|-------|
| Science        | 1020  | 680  | 340   |
| Social Science | 2380  | 1700 | 680   |
| Humanities     | 1700  | 510  | 1190  |
| Law            | 680   | 408  | 272   |
| Management     | 1700  | 1020 | 680   |
| Commerce       | 2040  | 1190 | 850   |

Which of the following pair of the name of discipline and its ratio of boys to girls is NOT correct?

- Science, 2:1
- Law, 3:2
- Commerce, 7:3
- Social Science, 5:2

Answer: C

Link: <https://youtu.be/6q45P55ex8w>



23. In a certain code,  
A%B means A is the husband of B

A&B means A is the son of B,  
 A#B means A is the wife of B,  
 A@B means A is the daughter of B,  
 A\$B means A is the sister of B.

If  $Q \$ M \$ P @ C \# H \& R \% Z$

Then which of the following statement is NOT correct?

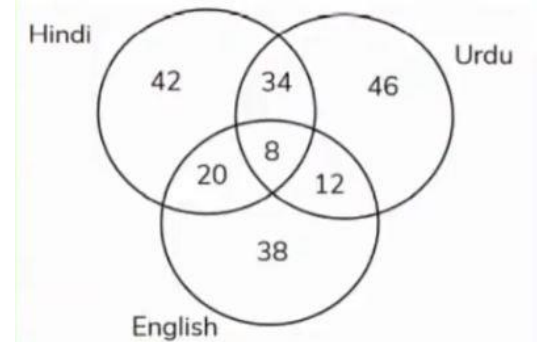
- H is father of Q.
- Z is mother-in-law of C.
- R is maternal grandfather of Q.
- Z is mother of H.

Answer: C

Link: <https://youtu.be/xlqmkk9FOAQ>



Q18 to Q19. Consider the venn diagram given below.



- 8400
- 9450
- 9600
- 8750

Answer: B

Link: <https://youtu.be/PzykXVW1TLY>



24. Statements: No cylinder is a drum. All balls are cylinders.

Conclusions:

- No drum is a cylinder.
  - Some cylinders are balls.
  - No ball is drum.
- Only conclusion I and III follow
  - Only conclusion II and III follow
  - All of the conclusions follow
  - Only conclusion I and II follows

Answer: C

Link: <https://youtu.be/2jW2gBf91sI>



26. If it is possible to make only one meaningful word with the second, fourth, the sixth and the eighth letters of the word 'COMPUTER'. the second letter of the word from the left is your answer ? If more than one such word can be formed. give 'X' as the answer. If no such word can be formed. give 'Z' as. your answer.

- R
- P
- O
- X
- Z

Answer: C

Link: [https://youtu.be/I2kXfJ3e\\_eQ](https://youtu.be/I2kXfJ3e_eQ)



25. The number in the Venn diagram indicates the number of persons who can speak various languages in a city. The diagram is drawn after surveying 200 persons. In a population of 15,000. How many people can be expected to speak just one language?

27. It was Tuesday on January 1, 2008. What was the day of the week January 1, 2009?

- Sunday
- Tuesday
- Thursday
- Wednesday

Answer: C

Link: <https://youtu.be/n-DMD3aVT5c>





28. It was Thursday on MARCH 1, 2008. What was the day of the week MARCH 1, 2009?

- Saturday
- Tuesday
- Friday
- Wednesday

Answer: C

Link: <https://youtu.be/k0ligpty5io>



29. What was the angle between the hour and the minute hands at 3:15pm?

- $7.5^\circ$
- $6.5^\circ$
- $4.5^\circ$
- $2.5^\circ$

Answer: A

Link: <https://youtu.be/RBNb9TAj9I0>



30. How many times do the hands of a clock coincide in a day?

- 20
- 21
- 22
- 24

Answer: C

Link: <https://youtu.be/I4mxjCSYWh8>



31. If a monkey climb a pole of height 50m. it climbs up 5 metres in 1st minute and slips down 4 metres in 2nd minute In how many minutes monkey will climb the pole?



- 32
- 38
- 40
- 46

Answer: D

Link: <https://youtu.be/au2ynqXYf4o>



32. A team of four players are to be selected from among four girls A,B,C,D and four boys P,Q,R,S such that there would be at least two girls in the team and the team selection should meet the following conditions

- B cannot go with R
- D and P must go together
- S cannot be put up with A
- R and C must be together

- QBSC
- DAPQ
- RCQS
- BPRA

Answer: B

Link: <https://youtu.be/A7qZkYzkAWk>



33. Each of the five students, P,Q,R,S and T studies two subjects from the given subjects named. History, Mathematics, English, Sanskrit, and Science. Each subject is studied by two students

- P studies Mathematics and Sanskrit
- R studies History and Mathematics
- S and T both study English
- Q does not study science



Who from the given option studies science?

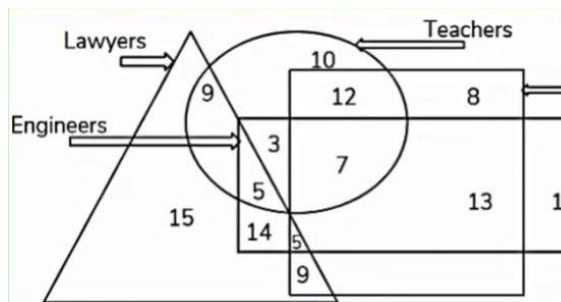
- a. P
- b. Q
- c. R
- d. S

Answer: D

Link: <https://youtu.be/39K8bw-CmEg>



34. How many engineers are lawyers as well as doctors?



- a. 9
- b. 14
- c. 7
- d. 5

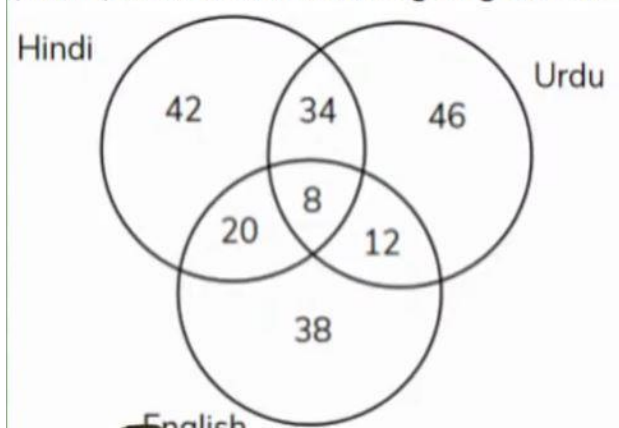
Answer: D

Link: <https://youtu.be/y6FvogWFyxM>



35. The number in the Venn diagram indicates the number of persons who can speak various languages in a city. The diagram is drawn after surveying 200 persons. In a population of 15,000. How many people can be expected to speak just one language?

Q18 to Q19. Consider the venn diagram given below.



- a. 8400
- b. 9450
- c. 9600
- d. 8750

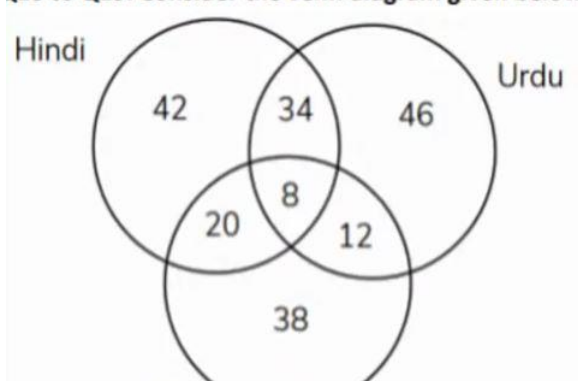
Answer: B

Link: <https://youtu.be/qEScrKjk1oQ>



36. The number in the Venn diagram indicates the number of persons who can speak various languages in a city. The diagram is drawn after surveying 200 persons. In a population of 15,000. How many people can be expected to speak at least two languages?

Q18 to Q19. Consider the venn diagram given below.



- a. 5550
- b. 5697
- c. 5780
- d. 6999

Answer: A

Link: [https://youtu.be/KBOI-J\\_R6Tc](https://youtu.be/KBOI-J_R6Tc)



37. Six people A, B, C, D, E and F are sitting on the ground in a hexagonal shape. All the sides of the hexagon so formed are of same length.

A is not adjacent to B or C  
D is not adjacent to C or E  
B and C are adjacent  
F is in the middle of D and C.

Which of the following is not a correct neighbour pair?

- A and F
- D and F
- B and E
- C and F

Answer: A



Link: <https://youtu.be/qBM7jxKnAJ8>

38. Among six persons A, B, C, D, E and F standing around a circle, some of them are facing the centre while others are facing outside (i.e. opposite to the centre).  
C stands second to the right of E. E faces outside. C is an immediate neighbour of both D and B. F stands second to the left of D. D faces the same direction as E.

What is the position of A with respect of E?

- A
- D
- F
- C

Answer: B



Link: <https://youtu.be/GUpwQEWPArA>

39. DIRECTIONS Read the following information carefully and answer the questions given below it.

- Six friends P, Q, R, S, T and U are members of a club and play a different game of - Football, Cricket, Tennis, Basketball, Badminton and Volleyball.
- T, who is taller than P and S, plays Tennis.
- The tallest among them plays Basketball.
- The shortest among them plays Volleyball.
- Q and S neither play Volleyball nor Basketball.
- R plays Volleyball.
- T is exactly between Q who plays Football and P in order of height.

Who will be at the third place if they are arranged in descending order of their height?

- R
- T
- Q
- Not

Answer: B



Link: <https://youtu.be/dd7QIJj6MY>

40. DIRECTIONS Read the following information carefully and answer the questions given below it.

- Six friends P, Q, R, S, T and U are members of a club and play a different game of - Football, Cricket, Tennis, Basketball, Badminton and Volleyball.
- T, who is taller than P and S, plays Tennis.
- The tallest among them plays Basketball.
- The shortest among them plays Volleyball.
- Q and S neither play Volleyball nor Basketball.
- R plays Volleyball.
- T is exactly between Q who plays Football and P in order of height.

Who among them plays Basketball?

- Q
- T
- P
- U

Answer: D



Link: <https://youtu.be/dd7QIJj6MY>

41. A lady runs 12 km towards north. Then 6 km towards south and 8 km towards east. How far is she from her starting point and in which direction?
- NE – 20 km
  - NE – 15 km
  - NW – 10 km
  - NE – 10 km
  - None of the above



Answer: D

Link: <https://youtu.be/UYsMM0dA4M>

42. Directions: Study the information carefully and answer the questions given below.  
Point P is 10m west of point Q. Point X is 8m east of point M. Point Z is 10m north of point M.  
Point X is 5m south of point Q. Point B is 3m east of point Z.

Q. What is the shortest distance between point P to X?

- 8m
- $5\sqrt{5}$ m
- 10m
- $\sqrt{13}$ m
- None of these



Answer: B

Link: <https://youtu.be/ocuzF6vk7Tw>

43. Directions: Study the information carefully and answer the questions given below.  
Point P is 10m west of point Q. Point X is 8m east of point M. Point Z is 10m north of point M.  
Point X is 5m south of point Q. Point B is 3m east of point Z.
- Southeast

- Northeast
- Southwest
- Northwest
- None of these



Answer: C

Link: <https://youtu.be/ocuzF6vk7Tw>

44. Rajesh walked 8 km towards south-west direction. He turned to east direction and walked 20 km. Then he turned to north-east direction and walked 8km and after to west direction for 6km. Then he turned to north east direction and walked 2 km straight after he turned west direction and walked 4km. Once more he turned south-west and walked 2km. How far is he from the starting point?

- 12 km
- 10 km
- 8 km
- 6 km
- None of these



Answer: B

Link: [https://youtu.be/h5Et\\_yMQZXI](https://youtu.be/h5Et_yMQZXI)

45. K is brother of T. M is mother of K. W is brother of M. How is W related to T?
- Maternal Uncle
  - Paternal Uncle
  - Grandfather
  - Data Inadequate
  - None of these



Answer: A

Link: <https://youtu.be/HVA-uzWsXys>

46. Which of the following is true for the give expression, if  
Q + R' means 'Q is father of R  
Q ÷ R' means 'R is brother of Q  
Q x R' means 'Q is husband of R  
Q - R' means 'Q is sister of R

'J + K - L + N ÷ M'

- a. K is aunt of N and M
- b. K is father of M
- c. N is sister of M
- d. J is father of N
- e. None of these



Answer: A

Link: <https://youtu.be/Xj6SV0EBTmM>

47. Directions : Read the following information carefully and answer the questions given below

P/Q means P is father of Q

P+Q means P is the mother of Q

P-Q means P is the brother of Q

P\*Q means P is the sister of Q

Which of the following shows that A is aunt of E?

- a. A/B\*C+D-E
- b. A-B-C\*D/E
- c. A-B+C/D\*E
- d. A\*B/C\*D-E



Answer: D

Link: <https://youtu.be/HrZhcxPEDrA>

48. Directions : Study the following information carefully and answer the given questions:

In a family there are eight members. A is mother of B, who is brother of C. C and Q are siblings. Y is daughter of P. Z is brother in law of B, who is son of D. A has only one son. There are only two married couples in the family. P is married to B.

How is P related with Z?

- a. Brother
- b. Daughter
- c. Nephew
- d. Niece
- e. None of these



Answer: E

Link: <https://youtu.be/8ylWs8lyHRk>

49. Five plays A, B, C, D and E were organised in a week from Monday to Saturday with one play each day and No play was organised on one of these days. Play D was organised before Thursday but after Monday. Play E was organised on Saturday. Play C was not organised on the first day. Play B was organised on the next day on which Play C was organized. Play A was organised on Tuesday.

Which day no play was organized?

- a. Sunday
- b. Monday
- c. Tuesday
- d. Wednesday



Answer: B

Link: <https://youtu.be/0yY-1J-tlMI>

50. Seven persons A, B, C, D, E, F and G are sitting in a straight line (not necessarily in the same order) facing north.
- (a) Only two persons sit between F and G who sits second to the left of B.
  - (b) D sits third to the left of C.
  - (c) E sits exactly between G and B and B sits at the extreme right end of the row.

Who amongst the following sits at extreme left of the line?

- a. F
- b. D
- c. C
- d. E
- e. G



Answer: B

Link: <https://youtu.be/BF6zXfpNTr0>

51. Seven persons A, B, C, D, E, F and G are sitting in a straight line (not necessarily in the same order) facing north.
- (a) Only two persons sit between F and G who sits second to the left of B.
  - (b) D sits third to the left of C.
  - (c) E sits exactly between G and B and B sits at the extreme right end of the row.

Four of the following five are alike in certain way based on their sitting position in the above arrangement and so form a group. Which of the one that does not belong to that group?

- a. AG
- b. CE
- c. DA
- d. AF
- e. GB



Answer: D

Link: <https://youtu.be/BF6zXfpNTr0>

52. QUES - A, B, C, D and E are five men sitting in a line facing to south - while M, N, O, P and Q are five ladies sitting in a second line parallel to the first line and are facing to North.
- B who is just next to the left of D, is opposite to Q.
- C and N are diagonally opposite to each other.
- E is opposite to O who is just next right of M.
- P who is just to the left of Q, is opposite to D.
- M is at one end of the line.

Who is sitting third to the right of O?

- a. Q
- b. N
- c. M
- d. P
- e. Data Inadequate



Answer: B

Link: [https://youtu.be/bJ\\_jige2Hf0](https://youtu.be/bJ_jige2Hf0)

53. How is 'go' written in a code language?

- I. 'now or never again' is written as 'to ka na sa' in that code language.
  - II. 'you come again now' is written as 'ja ka ta sa' in that code language.
  - III. 'again go now or never' is written as 'na ho ka sa to' in that code language.
- a. Only I and III are sufficient to answer the question.
  - b. Only II and III are sufficient to answer the question.
  - c. Only I and II are sufficient to answer the question.
  - d. All I, II and III are required to answer the question.
  - e. None of these



Answer: A

Link: <https://youtu.be/9W67lxZ27jI>

54. How is the word 'plant' written in the given code language?

- I. 'Buy a new plant today' is written as '4 \$ % 7 2' and 'not the plant she said' is written as '@ # 5 \$ 9'.
  - II. 'Plant is always good' is written as '> 6 3 \$' and 'is good buy always' is written as '3 > 2 6'.
- a. The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
  - b. The data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
  - c. The data in both statements I and II together are necessary to answer the question

- d. The data even in both statements I and II together are not sufficient to answer the question
- e. The data either in statement I alone or statement II alone are sufficient to answer the question



Answer: E

Link: [https://youtu.be/XgHeBX\\_68rl](https://youtu.be/XgHeBX_68rl)

55. Which four-digit number missing from last oval?



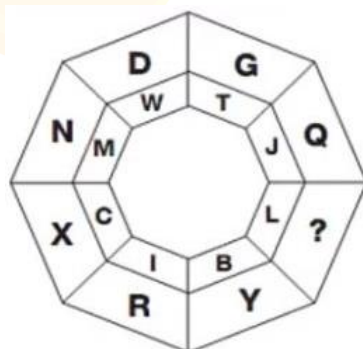
- a. 1143
- b. 1132
- c. 1120
- d. 1114



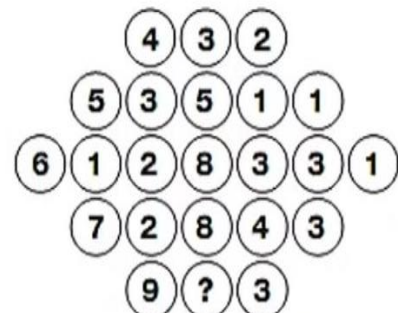
Answer: A

Link: <https://youtu.be/aRtYwBAmxJI>

56. Which letter replaces the question mark?



|   |   |
|---|---|
| B | Y |
| C | X |
| E | V |
| G | T |
| K | P |
| M | ? |



1.

2.

3.

- a. M
- b. N
- c. O
- d. P

- a. M
- b. N
- c. O
- d. P

- a. 6
- b. 12
- c. 18
- d. 24

Answer: C, B, A



Link: [https://youtu.be/loUFNAkl\\_kl](https://youtu.be/loUFNAkl_kl)



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