

## Logical Reasoning

Logical reasoning questions are very common in any recruitment process. These are simple questions based on logic and effective reasoning. Here are few important tips and suggestions which can help you crack the LR questions.

1. Invest few seconds to read and study the questions very carefully, you should analyse all the options before trying to eliminate the vague answers at first glance.
2. Never assume any information, other than what is given in the question. LR questions do not test your general knowledge, so only consider the information given in the question.
3. Pay special attention to words like "all," "some," , "none", "always", "if", "more" when you read the factual information each question gives you. Other qualifying words such as "other than," "only" or "unless" are important, too. These words can play a critical part in precisely specifying the facts to be used in your reasoning.

Consider the following example:

A woman named Katy reaches an island and finds three men A, B, C who happens to be the knight,knave and spy. The knight always tells truth, knave always tells lies and spy tells either truth or lie. Katy wanted to find the knight so she can get the right path back to home. So help her find the knight based on statements of A, B and C

A- C is the knight

B- C is the spy

C- B is the spy

who is A? In this question focus on the underlined words.

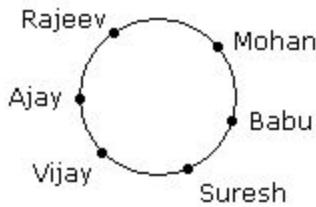
Ans: A is Knave

4. You should give special attention to responses containing specifiers such as "All", "None" etc
5. Try to solve the questions using flow charts, simple graphics which will help you in illustrating the information in simple and comprehensive manner. This should be followed in question related to Relations, Arrangements etc.

Demonstrations:

1. 6 Boys are sitting in a circle and facing towards the centre of the circle. Suresh is between Babu and Vijay. Ajay is sitting to the left of Vijay.

This question can be easily solved if you start placing each individual on a circle since first statement. You will get following arrangement:



2. If Neena says, "Anita's father Raman is the only son of my father-in-law Mahipal", then who is Bindu, who is the sister of Anita, related to Mahipal ?

- a. Niece
- b. Daughter
- c. Wife
- d. Daughter-in-law
- e. None of these

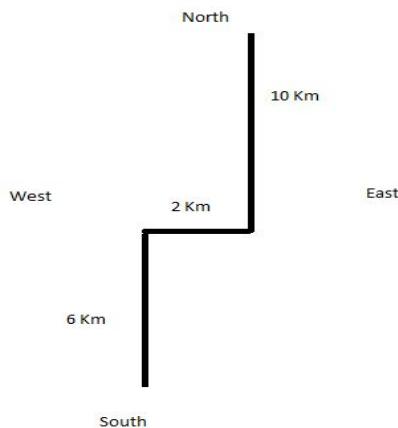
Solution: Only son of Neena's father-in-law Mahipal -- Neena's husband. So, Raman is Neena's husband and Anita and Bindu are his daughters. Thus, Bindu is the grand daughter of Mahipal.

Ans: E

3. After walking 6 kms, I turned right and travelled a distance of 2 kms, then turned left and covered a distance of 10 km. In the end I was moving towards the north. From which direction did I start my journey?

- a. North
- b. South
- c. South-West
- d. North-East

Solution: This question must be solved by drawing simple graphics, we will start with the last statement and get the following graphic.



The answer is B- South

Assessments:

1. A is the husband of B. E is the daughter of C. A is the father of C. How is B related to E?
  - a. Mother
  - b. Grandmother
  - c. Aunt
  - d. Cousin

Ans: B

2. One Mr. Bacchan walked from his home, 1 km towards South to reach his office, then turned left upto 3 km, then took a right turn, and took another 3 kms walk. Again he turned right and walked for 2 kms and took a 4 km walk by turning to North, and there he could see his office at a 1 km distance after taking a right turn. In which direction is the office of Mr. Bacchan situated?

- a. North
- b. East
- c. South
- d. West

Ans. B

3. "If all beaches were publicly owned, we would have to rely on government funds to maintain them. It is true that more people would have access to the ocean and beaches, but at what cost? If the beaches are not cared for adequately, soon there will be nothing left worth having access to. We should consider carefully before nationalizing more coastal property."

Which of the following, *if true*, would most weaken the argument above?

- A - The public does not want additional access to beaches.
- B - The government is currently responsible for the maintenance of all public and private beaches.
- C - The public already has some access to many beaches.
- D - Other property has been nationalized in the past, with no complaints from the original owners of the property.
- E - Some privately owned beaches are not well maintained.

Ans: B`

4. The day after the day after tomorrow is four days before Monday. What day is it today?

- a. Monday
- b. Tuesday

- c. Wednesday
- d. Thursday
- e. Friday

Ans: A

Logical reasoning has many topics which can be asked in the written test or in the interview. All the topics cannot be covered here. You can get more insights on logical reasoning tests here:  
<https://www.assessmentcentrehq.com/logical-reasoning-test/>

If you want to know the types of logical reasoning questions that can be asked in the recruitment drive, follow the link:

<https://www.wikijob.co.uk/content/aptitude-tests/test-types/logical-reasoning>

You can develop a good command in logical reasoning only if you practise the questions on various topics and varying difficulty level. Here are few websites which can offer you many practise questions.

1. <https://www.jobtestprep.com/logical-reasoning-test>
2. <https://www.indiabix.com/logical-reasoning/questions-and-answers/>

Watch out the following youtube videos to know more about LR questions and revise few topic:

1. IT Employment eligibility test: <https://www.youtube.com/watch?v=XWA46QUaW1Y>
2. Video on seating arrangement: <https://www.youtube.com/watch?v=GYe98jwCn7g>
3. Tricks to solve questions on blood relations:  
<https://www.youtube.com/watch?v=u4EORMoSHbI>
4. Complete revision of all topics on LR: <https://www.youtube.com/watch?v=Axs3TUuiHK0>