

TCS Smart Hiring Reasoning Question Paper

- **Number Series:**

- Q: What is the next number in the series 2, 5, 10, 17, ____?
- A: 26 (adding consecutive prime numbers)

- **Letter and Symbol Series:**

- Q: What comes next in the series A, C, E, G, ____?
- A: I (alternating letters of the alphabet)

- **Verbal Classification:**

- Q: Which word does not belong in the group: Apple, Orange, Banana, Carrot?
- A: Carrot (it is a vegetable, while others are fruits)

- **Essential Part:**

- Q: What is the essential part of a bicycle?
- A: Wheels (they are necessary for a bicycle to function)

- **Analogies:**

- Q: Hand is to Glove as Foot is to ____?
- A: Shoe

- **Artificial Language:**

- Q: In a coded language, "RAT" is written as "WXY". How is "CAT" written?
- A: FDE (each letter is shifted three positions to the right)

- **Matching Definitions:**

- Q: Match the term "Photosynthesis" with its definition.
- A: Process by which green plants and some other organisms use sunlight to synthesize foods with the help of chlorophyll.

- **Making Judgments:**

- Q: Is it fair to judge someone based on their appearance?
- A: No (judging people solely on appearance may not reflect their true character)

- **Verbal Reasoning:**

- Q: If all roses are flowers and some flowers fade quickly, are all roses guaranteed to fade quickly?
- A: Not necessarily (conclusion may not be valid)

- **Logical Problems:**

- Q: If every student in a class has a laptop, and John is a student in that class, does John have a laptop?

- A: Possibly (it depends on whether John is included in "every student")
- **Logical Games:**
 - Q: In a chess game, what piece has an L-shaped move?
 - A: Knight
- **Analyzing Arguments:**
 - Q: Evaluate the argument: "All birds can fly. Penguins cannot fly. Therefore, penguins are not birds."
 - A: The argument is flawed (incorrect assumption)
- **Statement and Assumption:**
 - Q: If the assumption is "The sun rises in the west," is it a valid assumption?
 - A: No (the sun rises in the east)
- **Course of Action:**
 - Q: What is the appropriate course of action when there is a traffic jam?
 - A: Patience and wait for the traffic to clear.
- **Statement and Conclusion:**
 - Q: If the statement is "All men are mortal" and the conclusion is "Socrates is mortal," is the conclusion valid?
 - A: Yes (Socrates is a man according to the statement)
- **Theme Detection:**
 - Q: What is the central theme of the poem "The Road Not Taken" by Robert Frost?
 - A: Choices and consequences in life.
- **Cause and Effect:**
 - Q: What could be a possible effect of deforestation?
 - A: Loss of biodiversity and disruption of ecosystems.
- **Statement and Argument:**
 - Q: Evaluate the argument: "Smoking should not be banned because it's a personal choice."
 - A: The argument is weak (ignores the public health impact).