



COMPOSIT 2018



Analyse the following cases to play the second round to be held at COMPOSIT 2018, IIT Kharagpur

1. Inspector Lestrade inspects a crime scene in an empty closed room without any windows. The only thing visible was the pool of water on the floor of the room. The room was found to be basically sealed before our Inspector Lestrade broke in and entered the room. He found a dead man who is hanging in a rope from the ceiling, but he is not able to figure out how the man hanged himself. But Inspector Lestrade is 100 percent sure that this is the case of suicide and no other person has altered the crime scene in any way.

Sherlock Holmes along with John Watson entered the crime scene as asked by Lestrade and were easily able to solve the case. Can you answer how did the man die.

2. It was a very dark, stormy night and rain was pouring heavily. On that stormy night a couple were in a car, driving madly through the roads of a foreign city. Suddenly the engine of the car broke down, and the husband went down to get help from someone who can understand their situation in their language. He loved his wife very much so he did not want to leave his wife alone in the car so he closed, pulled up and locked the window and also locked the whole car before going for help.

When he came back with a person, he saw that his car was in a same state as he left it, but inside his wife is dead and the floor of the car was red with blood and also there was someone in the car whom he was seeing for the first time. Can you explain the situation?

3. During the weekend of a very hot summer, a police station got a call that a murder has been taken place at the park. From the footage of CCTV camera, they saw that the murderer was in blood and he drove away in a car. The police now know the model and color of the car. On further investigation and on searching around the city, one sergeant finds the house with a car that matches the model, color.

The sergeant goes to the house and started questioning the owner of that car. The owner said they haven't used the car all weekend and all of them were at home. The sergeant asks the owner for searching their car to which the owner agrees. The sergeant begins his investigation, looking for any trace of blood stain, or any weapons, etc. The car was spotless. They were not able to find anything. But after they were done with the searching of the car, and after some thinking sergeant arrested the owner.

At the police station, the owner also pleads guilty to his crime. Can you answer, why was he arrested and what was his crime.

4. Once, Pirate Captain Jack Sparrow was captured by Caribbean general and was sentenced to death by 40-man firing squad. Jack smiled as he knew their reputation as being the worst among worst firing squad in Caribbean military. They were such bad at shots that they would often miss all the targets on opposition can simply maim the opposition, as general's tradition was to allow one shot per man. The general thought of giving Captain Jack Sparrow very slow painful death so that Captain would beg for mercy.

The general said, "I have some rules for you. You may choose the position for my man to stand when they are aiming at you to shoot. All my forty-man squad will shoot at you to ensure anyone will at least hit you. And one more thing, they can't stand more than twenty ft. away, they must be facing you while you remain tied to the post. I am also not heartless, so if by the sunset, you are not dead, you will be freed, though I doubt that."

After the instruction, the general left. Upon his arrival next day, he found that the captain was set free. "How in the world he was set free?" asked the general. "It was where Captain Sparrow had us to stand," said the major of the squad.

Can you tell where Captain tell them to stand?

- Jonathan Crick had recently joined the State Police Department. One day when Head was absent he was sent out to investigate a new murder case. The murder was a very rich man in his late twenties, Thomas William, who lived in a great mansion alongside the ocean. At the time of the murder, there were total 6 other people in the mansion: The cook, the maid, three friends and his nephew. The gardener and the cook had a small room in the mansion and all the four guests including his nephew stayed overnight.

When Crick went to the mansion, all the six suspects were sitting on the sofa in the drawing room. It was mid-afternoon and through the big window, Crick could see the beautiful sunset through the ocean.

His partner Lieutenant Emily Smith arrived at the scene two hours early and had carried out all the details for Crick. All six suspects of the murder were agreeing the fact that Thomas William had been found murdered in the morning shortly before six-twenty in the morning, but he was alive when they all were going to bed. Johnson William, his nephew, he came down to the kitchen to get some water and when he was returning, he saw his uncle's dead body.

Crick sent her Lieutenant and other officers for more evidence and clues.

Question-Answer Session

Maid: " Mr. William was dining with his guest. After he completed his meal, he went to his room. I cleaned the dining room and kitchen along with the cook and retired to my room shortly passed eleven thirty last night. I was reading a story until about twelve-thirty, and I also heard some occasional talk, although I didn't remember much of it. This morning, at around six twenty I heard a scream coming from the drawing room, which was of Mr. Johnson William, so I went down along with the cook. Mr. William was dead in the room in front of the window. There was blood on him, probably due to gunshot may be. As I didn't hear the sound of the gun, maybe the murderer has used a silencer or muffler. But I am innocent, I didn't kill Mr. William. He was like a big brother to me."

Cook: "It's like the maid says. She and I cleaned the dining room and the kitchen, talked about the guest for few minutes and then we went up to our room. I fell asleep after I took the shower. The time was about eleven forty-five. I slept having a very good sleep until morning when I heard the scream and rushed down along with others. I can assure you, I have been with Mr. William for five years, and he knows he can trust me."

Johnson: "I was up until midnight with my uncle and his three friends, talking and laughing at stupid jokes. I fell asleep just passed 1 AM but woke up early in the morning when I felt thirsty, so I went down to the kitchen to get some water. On my way back, I passed the bay window, where I could see the beautiful sunrise outside, but sadly, my uncle was shot dead and was lying on the floor in the pool of blood. He had a wound on the side of his neck, kind of a gunshot. I screamed and other came rushed down to see what happened."

"That's enough from all of you", Jonathan Crick said, before any of his other friends said anything. "Lieutenant. I know who killed Mr. William. We have our murderer in front of us."

Can you say who killed Mr. William and how did Crick come to know about it?