



# COMPOSIT 2017



## Analyze the following cases to play the second round to be held at COMPOSIT, IIT Kharagpur

- 1 A dead body has been found on 14<sup>th</sup> February 2017 at the bottom of the multistoried apartment of South City complex, Kolkata. The person was identified as Mr. Sourav Jhunjhunwala by the residents of the apartment. He was a well-known business man in the city. The local police station concluded that the person jumped from one of the floors, committing suicide on seeing the position of the body. Our private investigator Mr. P.C. Mitter has been called by Mr. Sourav's brother Mr. Chirag to find out the reason of his suicide. Mr. P.C. Mitter came to the spot along with his cousin Mr. Tapes and his writer friend Lal Mohan Ganguly to look after the case. They went to the first floor and walked in the room facing the direction in which the body was found. Tapes opened the window in that direction and Mr. Ganguly rolled a dice towards the floor. They went to the second floor and the process was repeated. They continued doing this until they reached the last floor. Then, when they climbed down Mr. Mitter told the team that it was a murder and not a suicide. How did he come to know that it was a murder?
- 2 Medhansh Goel lived alone in a small bungalow in Shantiniketan. He had inherited a lot of wealth from his ancestors. He had everything delivered to his bungalow as he was partially handicapped. He used to send a letter to someone every Thursday and Ratan, the postman helped him to post the letter. As usual, Ratan entered Medhansh's home on the Thursday of last week of January 2017 and he noticed that the front door was ajar. Guessing something unusual, Ratan quickly entered the room and gave a sudden scream. Mr. P.C. Mitter was visiting Shantiniketan on a vacation with his friend Mr. Ganguly. They were heading towards the Kopai river when they heard a scream from a bungalow nearby. Mr. Mitter entered the house and saw a man lying dead in a pool of dried blood and an old man in a fainted condition lying near him. Mr. Mitter instructed Mr. Ganguly to immediately call in the local police station and he went to the living room where the scene had happened. On the porch were three bottles of cold milk, Monday's newspaper, a catalog, flyers, two books on Tagore and an unopened mail. The police arrived at the scene and identified the old man as Ratan, the local postman. He was sent to the hospital soon. Seeing the postman not wearing the postman's dress, something struck Mr. Mitter. He suddenly concluded that it was a foul play and he gave an important hint to the police-in-charge regarding the suspect. Who does he suspect and why?
- 3 The CBI had approached Mr. Mitter regarding an international oil smuggling case. They had found a code having the criminal's information which they were unable to decipher. The code read: 3508 32135 710 57735 3508 5317 3508

Until now, the information which has arrived is that the head of the gang is Bengali by birth. Currently there are five suspects: Mrs. Aliya Parvez, Mr. Dev Das, Mrs. Maya Roy, Ms. Momina Khatun, and Mr. Jonty Bose. Help Mr. Mitter to find out the criminal by deciphering the entire code.
- 4 Raina had gone for a candle-night dinner with Ron. This was the second time they had gone out for a date. The venue was Floatel, Kolkata. They entered the restaurant at 8:00 pm. The menu that was served included homemade cream of carrot and ginger soup, slow oven pot roast with winter vegetables Yorkshire pudding, chicken pie with French vanilla ice cream and Chivas Regal with ice in separate tumblers. The waiter, Mr. Bhatt, had arranged the complete table half an hour before their arrival. Ron had already completed five drinks and was going to sip into the sixth one when Raina had just



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completed her first one. Suddenly Raina began to feel dizzy and she collapsed. When she was taken to the hospital, the doctor declared that she was already dead. Mr. Mitter was called in to the scene by Raina's parents for the investigation of the case. From the forensic report, Mr. Mitter came to know that the death was due to poisoning. After interrogating Raina's best friend Sophia, Mr. Mitter came to know that Ron is a Casanova and he used to date multiple girls simultaneously. But, he never went into a relationship with anyone. Raina did not consider Ron as her boyfriend and she was also seeing her college crush, Pom recently but she could not tolerate seeing Ron with other girls. Many a times they used to have catfights. Ron stated on his interrogation that he and Raina were in a relationship for two months and said that Raina had sent him a love letter in the book "If Tomorrow Comes" which Raina had gifted him. Ron claimed, "I found the letter between pages 45 and 46 of If Tomorrow Comes." Mr. Mitter retorted, "You're lying and I can prove it." Who had poisoned Raina? How was the poisoning done? What was the motive behind it? How did Mr. Mitter prove that Ron was lying?

Submit your solutions at [submissions@composit.in](mailto:submissions@composit.in) before **28<sup>th</sup> February 2017** in a PDF format.

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