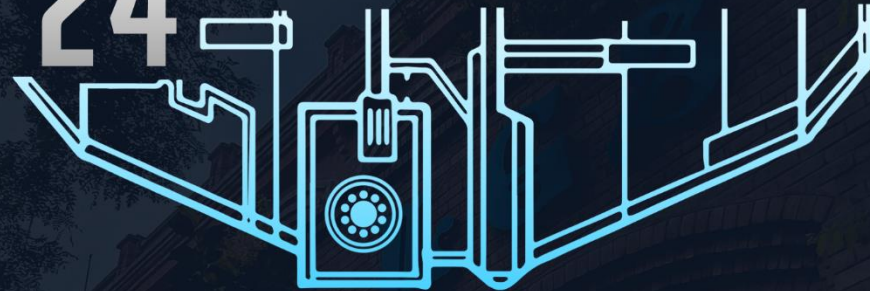




LAHORE GRAMMAR SCHOOL JOHAR TOWN FOR BOYS

INNOVENTIONS

'24 **INDULGE. INVENT. INNOVATE.**



Panacea
(Study Guide)



11th-13th OCTOBER

Round 1: "Biobrain Blitz"

Welcome to Biobrain Blitz, where your biology knowledge will be put to the ultimate test! In this fast-paced quiz competition, modeled after the classic gameshow Jeopardy, you and your team will face off against the famous jeopardy board as you select questions from a variety of exciting biology categories. From the mysteries of genetics to the wonders of physiology, each question will challenge your understanding of the natural world. With point values increasing as the difficulty rises, you'll need both strategy and speed to come out on top. Rack up as many points as possible so you can gain a significant advantage over your opponents. Get ready to dive into the world of biology like never before!

Note: This round's score will be cumulative with round 2. No eliminations would be made.

Maximum Delegates: 3

Round 2: "Diagnosis Duel"

In Round 2, get ready for an exciting twist on the classic Guess Who game! But instead of guessing the usual familiar faces, you'll be using your diagnostic skills to identify diseases. Each team will pick a secret disease, and your mission is to ask smart, yes-or-no questions to uncover the mystery disease your opponents hold. Is it viral? Is it genetic? Narrow down the possibilities, eliminate options, and make your guess before your opponents figure out yours! This round will test your critical thinking, knowledge of disease traits, and ability to strategize under pressure. Sharpen your questions—only the sharpest minds will prevail!

- A curated list of diseases will be shared a day or two prior, and delegates will have to do their own research and prepare the necessary knowledge of these diseases.
- The competition will unfold in a direct face-off format, with the matchups established in advance.

Note: This rounds score will be added with that of the previous round and about 70% of the teams would be eliminated.

Maximum Delegates: 3

Round 3: "From Clues to Cures: The Final Diagnosis"

The grand finale of Panacea will consist of two phases! In the **first phase**, your team will step into the shoes of forensic biologists as you tackle a high-stakes murder mystery with a biological twist. Armed with crime scene evidence, lab results, and medical reports, you'll need to unravel the scientific clues and identify the cause behind the mysterious death. Think fast, analyze thoroughly, and work as a team—because in this race against time, only the sharpest minds will solve the case! Teams that perform well in this phase will gain a significant advantage in phase two.

In the **second phase**, you'll be transported into the world of medical diagnostics. Your team will face real-life "patients" exhibiting a range of symptoms, and it's up to you to crack the case. Use your expertise to ask the right questions, interpret the symptoms, and diagnose their conditions accurately. This phase puts your clinical instincts to the test, challenging you

to think on your feet and apply your biological knowledge in a real-world setting. The clock is ticking—will you have what it takes to emerge as the ultimate problem solvers?

Maximum Delegates: 2

Note: The category heads reserve the right to change the instructions and elimination criteria at any point in the rounds, without prior notification.

