



8TH NATIONAL
SCIENCE BEE
2019

Module Guidelines



Medical Mayhem



Introduction

As the curtains ascend, you find yourself clothed in a white lab coat and a stethoscope snaking your neck. As you walk beyond the flapping doors of the medical ward, woes of edging-on-life patients leaves your mind in sheer mayhem.

If you let these voices take hold of your mind, you may lose yourself and your conscious may be pricked with guilt and regret. Medical Mayhem is the stage where you stabilize your nerves and listen to the patients who could either be murmuring inaudible rants or be discreetly silent and closed. Your test is to break these rants and scratch your analysis back to the illness that threatens one's life. Are you prepared to initiate and dissect meaningful discourse with the patient and breathe life into them? Your journey will not be simple but imagine how your spot-on diagnosis can pull someone out of depression or maybe break the cage of domestic abuse. Keep in mind that not all injuries stain out apparent skin.



Procedure

Your team will arrive at the designated location, well-versed with the information document provided beforehand. You will be handed a Pro forma, put on a lab coat and a stethoscope, ready to begin. Then you will enter in sequence 3 rooms, inside you'll meet a patient, suffering from a specific disorder be it physical or mental. It is your task to ask the patient relevant questions and fill the pro forma to determine what illness or disorder the patient is suffering from, then you move onto the next room with the next patient. Be advised, being a medical professional, you'll also be judged on how well you deal with your patients but they won't always be easy to deal with.



Pre-requisites

- Medical students are encouraged to participate as it stimulates the setting of a hospital.
- No prior knowledge of biology or medical sciences is required; all information will be provided beforehand.



Rules and Regulations

- Participants of the competition will be sent a detailed document with the information on 18 illnesses or disorders, their symptoms, aftereffects and medicine or treatment, with which they must familiarize themselves with before the event.
- At the day of the event, they will be sent in one of the three rooms, each with patients of specifically designed medical scenarios.
- Each team will be provided with a *Pro forma*, a piece of paper to be filled during their study/evaluation of the patient (they may also take notes) within the time allotted.
- Only 3 participants from each team will be in a room with the patient at a time.
- The total duration of the module will be between 30 to 45 minutes where 10 minutes will be spent with each patient and 5 minutes will be given to fill out the a *Pro forma*.
- Participants will be judged on the basis of two criteria: 1. The Pro forma 2. Their behavior/professionalism in dealing with the patient.

- Participants will not be allowed to carry anything besides writing equipment inside the patient's room.
- Use of electronic devices or any kind of unfair means is strictly prohibited.
- Failure to follow rules or instruction given by ushers will lead to disqualification.