

INSTRUCTIONS

- Each team consists of 7-8 students with each student representing a different country or region and includes at least one student proficient in English.
- Each team is assigned an ID by the Organizing Committee, while the team members are free to choose their team name, provided it does not violate ethical standards.
- The competition takes place at the Phenikaa University Stadium. In the case of bad weather, the competition will be moved to the Gymnasium.
- Each team is provided with 1 telescope and pens to write the answers directly on the question sheet.
- Each team member should take turns using the telescope for different targets.
- After completing assigned tasks, the team must submit their sheet at the submission desk.
- Answers cannot be modified after submission.
- Team ranking will be determined primarily by score and secondarily by completion time.

Team ID:

Team's Name:

Part I. Mystery of stars (7 points)

Using the telescope, find the six clues numbered 1, 2, 3, 4, 5, and 6 located on the top of Phenikaa Tower (the highest building in Phenikaa Campus), below the Phenikaa University panel. Using the observed clues and the hint below to write a meaningful sentence (in English).

Hint: PROTON LIFETIME FOR FUSION INSIDE THE [1] IS [2] [3+4] [5 + 6]

Your answer: _____

Part II. Our passion (8 points)

Using the telescope, find the four clues numbered 7, 8, 9, and 10 located on the top of Phenikaa Tower (the highest building in Phenikaa Campus), below the Phenikaa University panel. Using the observed clues and the hint below to write a meaningful sentence (in English), noticing that each bracket is an anagram.

Hint: FROM [7] TO [8] WE ALL LOVE [9+10+5]

Your answer: _____