

THE MATHEMATICAL CRUSADE '10

Two Swap

Paper 1

Duration : 45 + 45 minutes

- There are 2 papers. This is Paper 1, and will be given to the first team member, while simultaneously the second team member will work on Paper 2.
- You will not be allowed to communicate with your partners during the event.
- After 45 minutes, the papers will be SWAPPED, i.e. the second member will work on this paper.
- There are 5 questions in each paper; each question is for 10 points.
- The top 3 teams will receive trophies and the points 80, 60 and 40 counting towards the overall tally.
- All questions are problem solving questions. You are required to write complete solutions with proof.
- You are not expected to solve every question.
- Questions 6 in both the papers are the Clueless clues for the Two Swap event.
- Please ensure that the each question is attempted on a different sheet. The final answer, by the second participants must be clearly marked in the scenario that he or she is amending or re-doing a question his or her partner has done.
- You will be given blank sheets of paper to write your answers and solutions in. Affix the space for the school and participants' names with your answer sheet.
- Ensure that your school name and school registration number is clearly written and marked on every sheet you submit.
- If you have any further queries, do not hesitate to ask the student volunteer or the teacher in-charge in your classroom.