

General Instructions: Experimental Examination

The experimental exam lasts 5 hours and is worth a total of 20 points.

The beginning and the end of the examination will be indicated by your Invigilator. You must not open the envelopes or document folders containing the problems before the Invigilator indicates the beginning of the competition. There will be announcements every hour indicating the elapsed time, 15 minutes before the end, and at the end of the examination.

During the exam:

- Use only the pen provided. You may use pencil to draft your figures/schemes/graphs, but please trace the outlines of the final version with the pen to ensure the best contrast when your work will be scanned.
- Dedicated answer sheets (marked A) are provided for writing the final answers and drawing graphs: write down the required observations into the appropriate tables and boxes and draw the corresponding graphs, as asked in the problem text. The blank working sheets (marked W) are provided for carrying out the detailed work. Be sure to indicate the question numbers in your solutions and always use the working sheets that belong to the problem you are currently working on (check the problem number in the header). If you have written something on any sheet that you do not want to be graded, cross it out. Only use the front side of every page and do not write anything outside the border.
- If you need more blank sheets, please ask your Invigilator. Write your country and student codes (copy that information from your working sheets) as well as page number in the header of each provided extra sheet.
- In your answers, try to be as concise as possible: use equations, logical operators and sketches to illustrate your thoughts whenever possible. Avoid using long sentences.
- Explicit error calculation is not required unless explicitly asked for. However, you are asked to give an appropriate number of significant digits when stating numbers. Also, you should decide on the appropriate number of data points or measurement repetitions unless specific instructions are given.
- You may sometimes be able to solve later parts of a problem without having solved the previous ones.
- You will be recorded during the whole examination. You are not allowed to leave your working place without permission. If you need to go to the toilet or need other assistance (extra sheets or pen, more water or snacks), please draw the attention of your Invigilator.

At the end of the exam:

- You must stop writing immediately as soon as the end of the exam is announced.
- For every problem, sort the corresponding sheets in the following order: cover sheet at the top, answer sheets (A), and finally working sheets (W), including any empty or extra sheets at the bottom. These sheets will be scanned by your Invigilator and uploaded to the server.
- Put all the sheets belonging to one problem into the same envelope or document folder, but leave the General Instructions sheets (G) and question sheets (Q) on your table outside of any envelope or document folder.
- When your Invigilator allows, you may leave the examination area. You are not allowed to take anything out of the examination area.