

SURNAME:
Specialisation:

Name:
Mark: /30 /20

FIP ENTRY EXAM 2026

Please write directly on this paper. You have 30 minutes.

A. Time and proportion

Complete the following sentences (6 points).

1. This A.I. works with a thermal camera that captures seven frames second.
2. Our teams work twelve hour shifts now, so we only switch (one time) a day.
3. The system is checked in real time hour.
4. The floods have forced us to postpone production, which means we might not meet the (agreed date and time of delivery).
5. We monitor progress on a (everyday) basis.
6. US tech companies have reported a higher staff turnover this year.

B. Personal adjectives and pronouns

Fill each gap with the most suitable personal adjective or pronoun (5 points).

Chatbots currently rely on large language models (LLM) such as ChatGPT or Gemini to answer. The problem is carbon footprint is going through the roof. LLMs use ten times more energy than a Google search, so using requires considerable amounts of water to cool down the systems. A leading authority on the subject, James McLane says he and team are still questioning on how to come up with a viable alternative. For now, even the E.U. is hesitant to impose greater sanctions on member states for fear of becoming less competitive in the field.

C. Probability, necessity, ability

Circle the correct option (5 points).

1. You **ought** / **should** have checked the programme before starting the machine.
2. He **will** / **would** come tonight if only he had the time.
3. You **must not** / **do not have to**, but it is always better to ask the maintenance staff first.
4. She **must** / **need not** have known. Why else do it?
5. I'm afraid I **cannot** / **shall not** help you as I simply do not have the data.

D. Linking words and phrasal verbs

Complete the sentences with the words below (6 points).

whereas although indeed actually however down

..... electric vehicles (EV) are sold as greener, their manufacturing is worse for the planet than making a conventional car. This comes to the effects of mining, transporting and refining battery materials. their carbon emissions do decrease the longer you keep them. gas cars produce a lot of tailpipe emissions, EVs none.

E. The passive form

Put the given verbs in the passive form (4 points).

1. *The Art of Doing Science and Engineering*, initially published in 1997, (write) by the US mathematician, Richard Hamming .
2. SpaceX's first rocket, Falcon 1 (launch) in 2008.
3. Our project (expect) to be completed some time next spring.
4. TotalEnergies (find) guilty of greenwashing last year.

D. Error recognition

Each sentence contains an error. Find it and correct it (4 points).

1. My agenda says the meeting is at 4, not 6pm.
.....
2. Salim is not here. He is actually in Greenland.
.....
3. I have finished the report last night around 9pm.
.....
4. Linda says I never should have borrowed him my pen as I will probably never see it again!
.....