

DEPARTMENT OF PHYSICS AND ASTRONOMY, FACULTY OF SCIENCE, UU.
MADE AVAILABLE IN ELECTRONIC FORM BY THE \mathcal{TC} OF A-Eskwadraat
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Question 1

You are a second-year student at the University of Leiden. The year is 1633. Kepler died three years earlier, and you have just read reports about the trial of Galileo. Since you are studying to be a calvinist *dominee*, you feel it necessary to make an informed judgement, in the form of an essay, about the Copernican theory; does it agree with the Bible? Why doesn't it fit in well with Aristotelian cosmology? In short, what are the advantages and disadvantages **for you**. (Remember, you are in the Dutch Republic, where in 1630 there was no church or government policy on cosmology.)

Question 2

You have now finished your studies and are the assistant to the rector of the new university that is about to open in Utrecht in 1636. The rector has asked for a background paper on the teaching of anatomy and physiology. You have decided to write a brief history of anatomy and physiology in Europe since about 1300, paying close attention to shift in accent in the work of Vesalius and his immediate predecessors in Italy, between 1500 and 1550. Should Utrecht follow this new trend? What will it require?