Licence 1

Informatique, Développement d'Application

Cours : Anglais

Sequence 1: SCIENCE IN THE MODERN WORLD



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Chapter 1: SCIENCE IN THE MODERN WORLD

PARAGRAPH 1 AND 2

Responsable du Cours:

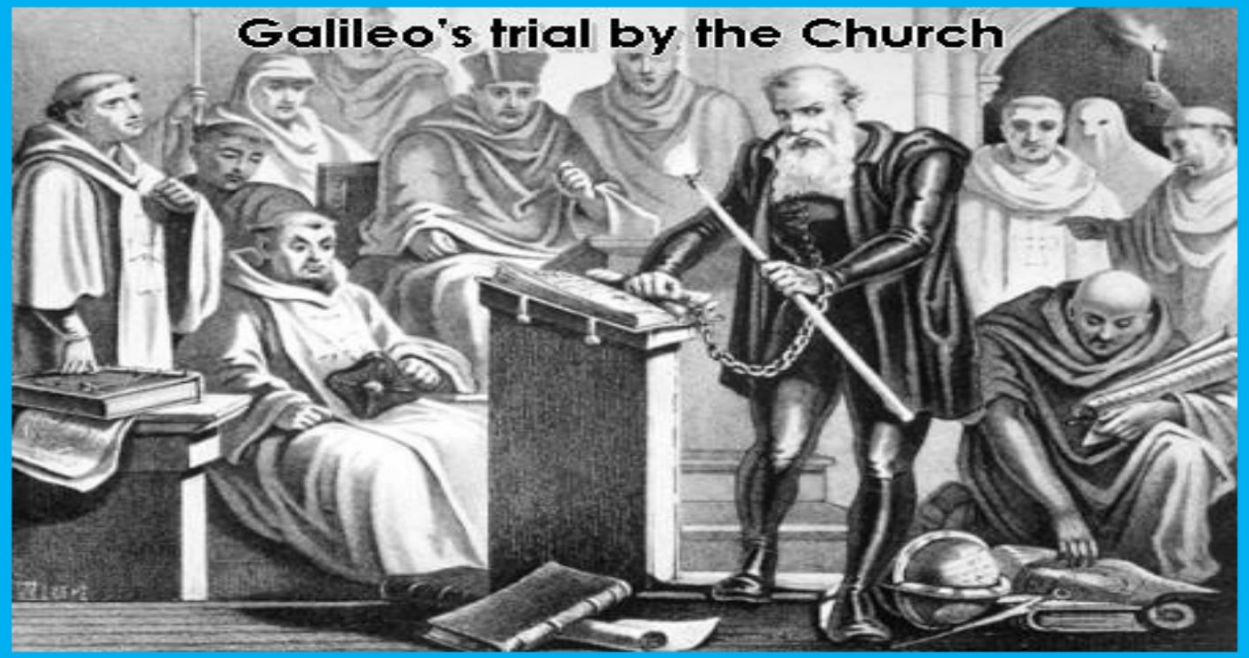
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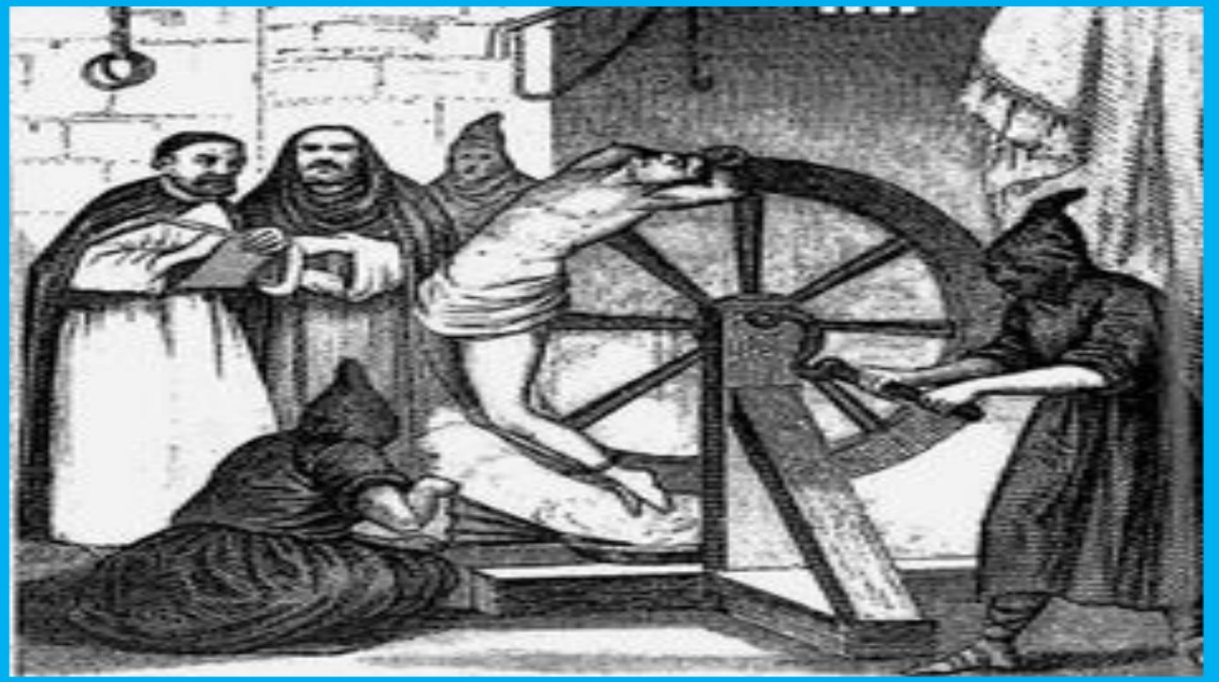
There was a time when the scientist in Europe was looked upon with fear and suspicion. He was the alchemist, the magician. He was supposed to deal in evil things with the help of evil forces. He was persecuted by the Church and the State.




Galileo's trial by the Church







But gradually the situation changed, until today in the twentieth century. Science has become a highly regarded profession like Law or Teaching. Science has become the fundamental basis of medicine, engineering and technology; this has possibly given the modern scientist a sort of privileged status in society.



MEDECINE



ENGINEERING



TECHNOLOGY

He stands somewhat aloof from the rest of the society, dedicated to the pursuit of things beyond the under-standing of ordinary people. Science has become an exclusive profession which needs long years of training and apprenticeship.









And yet science is different from other professions. Unlike the others, the scientist can demand no immediate reward for his work; he has no ready market for the disposal of his discoveries. A lawyer argues a case and receives immediate payment. A doctor treats an illness and demands his remuneration. An engineer builds a house or designs a machine, and he has to be paid for it.







But who will buy a scientific theory however basic it might be?

QUESTIONS:

1)What does the author mean by this last sentence of the paragraph N°2?

2)What is an alchemist?

3)Why is science different from other professions?

4) Give at least 2 scientific discoveries and their discoverer.

5) What is the difference between a scientist and a doctor or an engineer?