

國立清華大學 100 學年度碩士班入學考試試題

系所班組別：歷史所 乙組

考試科目（代碼）：西方科技史（3202）

共__1__頁，第__1__頁 請在【答案卷】作答

一、請舉出你/妳所知的三本有關十七世紀科學革命時期的新作品，並簡要地介紹其中你/妳認為它們挑戰或對舊科學傳統具有新意的要點。（34分）

二、 A number of authors suggested that Christian religion (both Catholicism and Protestantism) was hostile to science. Often the case of Galileo is mentioned in this connection.

1. Explain what were, according to you, the reasons for this hostility.
2. Provide one example showing that there were situations when Church had positive attitude vis-a-vis science.

When answering parts 1 and 2, base your arguments on concrete cases; provide at least one example in each part (in part 1 you can use the case of Galileo). The exact dates of the events are not very important, but mention at least the century (or centuries) in which happened the events you discuss.

可以用中文或英文作答（33分）

三、「工業革命」一詞由法國學者 Adolph Blanqui（1798-1854）提出，指稱十九世紀一個農業、手工業社會轉變為商業、工業社會的過程。但一些學者就「革命」本身具有的意義，認為「工業革命」僅適用於英國，至於其他的國家則為「工業化」。請舉實例說明：一個社會工業化的發生和完成，需要具備哪些先決要件？你覺得知識層面與社會結構何者在工業化中具有較深遠的意義？（33分）