

# Thursday Warm-Up (INTD262)

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## 1 Chapter 6 of *The Scientific Attitude*

1. In what decade was the germ theory of disease introduced?
  - A: 1820s
  - B: 1840s
  - C: 1860s
  - D: 1880s
2. How long after Semmelweis's solution to childbed fever was germ theory introduced?
3. (a) Write down the four basic elements, according to Hippocrates, and associate them correctly with the four humors of the body. (b) Draw a connection between this origin of Western medicine and what we learned about indigenous medicine in Chapter 1 of *Science in Latin America*.
4. Did physicians ever have evidence that bloodletting worked? Give examples for and against the practice.
5. Where did the practice of autopsies begin? In what way does performing an autopsy fit with the scientific attitude?
6. Louis Pasteur first worked on the question of "spontaneous generation." (a) Why is this intriguing scientifically? (b) How did he determine that bacteria could be killed? (c) In 1871 President Garfield was hit with a bullet. How did he die?
7. Once germ theory arose, there was a long delay in producing clinical benefit. (a) Why? (b) Discuss the tension between official medical training/licensing and lay knowledge in democratic societies. (c) After the Flexner Report was published in 1910, what was the result?