

YOUR NAME: \_\_\_\_\_

**DIRECTIONS:** Answer all questions. Read the questions carefully; the wording matters.

**Multiple Choice. Circle the *best* answer. Circle only *one* answer for each question.**

- Which of the following did Auguste Comte *not* list in his ordering of sciences?
  1. Mathematics
  2. Physics
  3. Biology
  4. Economics
  5. Sociology
  
- According to Samir Okasha, the scientific revolution culminated in the work of Isaac Newton. Which of Newton's accomplishments does Okasha highlight as particularly striking?
  1. That Newton overcame his provincial upbringing
  2. That he escaped persecution from religious authorities, unlike Galileo
  3. That Newton showed that the laws of Kepler and Galileo were logical consequences of his own
  4. That Newton's obsession with the pseudo-science of alchemy did not infect his properly scientific physical theories
  5. That he was able to prove that pig milk is gamey, despite the fact that pigs typically thwart milking attempts

**Short Answer (1-3 sentences). Make your answers *clear* and *specific*.**

- John Ziman claims that science is *not* distinguished from other intellectual disciplines by its style, its types of argument, or its subject matter, but rather by the type of knowledge it produces. According to Ziman, what is distinctive about scientific knowledge?