

## Chapter 18 Questions

**Completely answer the following questions.**

1. Contrast the old Aristotelian-medieval world-view with that of the sixteenth and seventeenth centuries. What were the contributions of Copernicus, Brahe, Kepler, Galileo, and Newton? What is meant by Newton's "Synthesis"?
2. How did the new scientific theory and discoveries alter the concept of God and religion? Did science, in fact, come to dictate humanity's concept of God?
3. What were the scientific and religious implications of Copernicus's theory?
4. Did the Catholic and Protestant churches retard (hurt) or foster scientific investigation? Explain.
5. What were the central concepts of the Enlightenment?
6. Who were the philosophes and what did they believe?
7. In what ways were Frederick of Prussia and Catherine of Russia enlightened monarchs?
8. What was the effect of Catherine's reign on the nobility, serfs, and the position of Russia as a European power?
9. What was the nature of the power struggle between the aristocrats and Louis XV of France?

**Identify the author of each of the following books. Explain the new ideas of each of the following books. What were some of the consequences of these ideas?**

1. *On the Revolutions of the Heavenly Spheres*
2. *New Astronomy or Celestial Physics*
3. *Two New Sciences*
4. *Mathematica Principia*
5. *Conversations of the Plurality of Worlds 1686*
6. *Historical and Critical Dictionary*
7. *Essay Concerning Human Understanding*
8. *The Spirit of the Laws*
9. *Philosophical Dictionary*
10. *The Social Contract*
11. *Encyclopedia*