

**Answer the following questions clearly and concisely. Terms in bold should be incorporated within the specified response AND underlined where used.**

1. How did the Renaissance impact the Scientific Revolution? What were some causes of the Scientific Revolution? (4 pts)

2. How did the new ideas and methods in astronomy lead individuals such as Copernicus, Galileo, and Newton to question the authority of the ancients and religion? (3 pts)

Copernicus:

Galileo:

Newton:

3. How did the natural philosophers Paracelsus, Kepler, and Newton hold the traditional views of alchemy and astrology? (3 pts)

4. How did anatomical and medical discoveries by Paracelsus, Vesalius, and Harvey challenge the traditional theory espoused by Galen? (3 pts)

7. What role did women play in the Scientific Revolution? (**Cavendish, Winklemann, Marian, Querelles des Femmes**) (2 pts)

8. How did Francis Bacon and Rene Descartes' scientific and mathematical ideas ultimately shape the scientific method? (**inductive, deductive, Cartesian dualism, rationalism, empiricism, experimentation**) (4 pts)

9. What impact did the advancements in science have on religion? (1 pt)