Fitzgerald/World History Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Scientific Revolution Quiz**

**True/False**

\_\_\_\_ 1. Descartes invented the system of naming the chemical elements.

\_\_\_\_ 2. Females were excluded from the study of astronomy in the seventeenth and eighteenth centuries.

\_\_\_\_ 3. Boyle’s Law described the properties of liquids.

\_\_\_\_ 4. Galileo Galilei was found guilty of heresy, but recanted his findings to avoid death.

\_\_\_\_ 5. Ptolemy’s model of the universe excluded any reference to heaven.

**Multiple Choice**

\_\_\_\_ 6. The scientific method was all of the following EXCEPT

|  |  |
| --- | --- |
| a. | a systematic procedure. |
| b. | ~~based on collecting and analyzing evidence.~~ |
| c. | reliant on the use of ancient authorities. |
| d. | crucial to the evolution of science. |

\_\_\_\_ 7. Inductive reasoning involved

|  |  |
| --- | --- |
| a. | proceeding from the particular to the general. |
| b. | using ancient wisdom. |
| c. | ~~using Church authority to find truth.~~ |
| d. | using the Bible to prove ideas. |

\_\_\_\_ 8. René Descartes believed in one absolute truth,

|  |  |  |  |
| --- | --- | --- | --- |
| a. | his own existence. | c. | the Ptolemaic system. |
| b. | ~~the existence of matter~~. | d. | planetary rotation. |

\_\_\_\_ 9. Rationalism is the belief that

|  |  |
| --- | --- |
| a. | ~~the human mind is divine~~. |
| b. | matter matters. |
| c. | the human mind is perfect. |
| d. | reason is the chief source of knowledge. |

\_\_\_\_ 10. Francis Bacon, an English philosopher, believed scientist should

|  |  |  |  |
| --- | --- | --- | --- |
| a. | rely solely on the Bible. | c. | ~~leave nature alone.~~ |
| b. | use inductive reasoning. | d. | use chance to study nature. |

**Matching**

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Galileo | d. | gravity |
| b. | Kepler | e. | heliocentric |
| c. | geocentric |

\_\_\_\_ 11. Sun-centered model of the universe (2)

(

\_\_\_\_ 12. Earth-centered model of the universe (1)

\_\_\_\_ 13. law of universal attraction (2)

\_\_\_\_ 14. his observations suggested that planets had substance (1)

\_\_\_\_ 15. he developed laws of planetary motion (1)

**Bonus Question!!** *(2 pts)*

What act did Galileo violate that got him into trouble with the Catholic Church?

**Scientific Revolution Quiz**

**Answer Section**

**TRUE/FALSE**

1. ANS: F DIF: Average

2. ANS: F DIF: Challenging

3. ANS: F DIF: Average

4. ANS: T DIF: Easy

5. ANS: F DIF: Average

**MULTIPLE CHOICE**

6. ANS: C DIF: Average

7. ANS: A DIF: Challenging

8. ANS: A DIF: Challenging

9. ANS: D DIF: Average

10. ANS: B DIF: Average

**MATCHING**

11. ANS: E DIF: Easy

12. ANS: C DIF: Average

13. ANS: D DIF: Easy

14. ANS: A DIF: Average

15. ANS: B DIF: Average