

Name: _____

Date: _____

Teacher: _____

Cosmic Times Post-test

Circle the correct answer.

1. What immediately followed the Big Bang?
 - A. Microwave Radiation
 - B. Dark Energy
 - C. Dark Matter
 - D. Inflation
2. What phenomenon is used to measure the expansion of the Universe?
 - A. Gravity
 - B. Redshift
 - C. Inflation
 - D. Blueshift
3. The theory of relativity explains:
 - A. Space & Time
 - B. Gravity
 - C. Energy & Mass
 - D. All of the above
4. Which of the following defines "cosmic microwave background"?
 - A. radiation left over by the Big Bang
 - B. rapid expansion of the Universe
 - C. a form of matter
 - D. none of the above
5. Who first mapped the cosmic microwave background?
 - A. Penzias & Wilson
 - B. Albert Einstein
 - C. John Mather
 - D. Alan Guth
6. Who originated the inflationary Universe theory?
 - A. Vera Rubens
 - B. Alan Guth
 - C. Penzias & Wilson
 - D. John Mather
7. Who was Albert Einstein?
 - A. Chemist
 - B. Anthropologist
 - C. Astronomer
 - D. Theoretical Physicist
8. What is the difference between dark energy and dark matter?
 - A. One is a hypothesized form of energy, the other is matter detected by its effect on other matter.
 - B. One is a theory of gravity, the other a theory of energy
 - C. One is a light source, the other radiation.
 - D. There is no difference
9. What do we call stars that get very bright suddenly, then fade away?
 - A. Red Dwarfs
 - B. Blue Giants
 - C. Neutron Stars
 - D. Supernovae
10. In what year of the 6 Cosmic Times Posters was the Big Bang first mentioned?
 - A. 1919
 - B. 1929
 - C. 1955
 - D. 1965
 - E. 1993
 - F. 2006