# Cosmic Times Post-test

Circle the correct answer.

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