

Quiz 3

ASTR 1020 Chapter 15

Please use blue or black ink when taking this quiz.

- 1) On the Hertzsprung-Russell diagram, where are the large cool stars located?
 - a. Lower left
 - b. Upper left
 - c. Lower right
 - d. Upper right
 - e. Along the main-sequence

- 2) What is the most fundamental property of a star in determining its evolution?
 - a. composition
 - b. size
 - c. temperature
 - d. luminosity
 - e. mass

- 3) What is special about Cepheid variable stars?
 - a. They are useful in measuring the distances of other galaxies.
 - b. Their variability enables us to determine their masses.
 - c. Their variability enables us to determine their rotation rates.
 - d. They are useful in studying sunspots on other stars.
 - e. They are useful in understanding stellar flares.

I hereby attest that I have abided by the regulations of the Georgia State University Honor Code while taking this quiz.

Signature:

Name: