1) Which of the following is *not* a difference between the disk population and the spheroidal (halo) population?
   a. The disk population contains younger stars than the spheroidal population.
   b. The spheroidal population stars are low-mass stars.
   c. The spheroidal population stars have much lower fractions of heavy elements than the disk population stars.
   d. Disk population stars are predominantly in clusters while the spheroidal population are primarily alone or in binary systems.
   e. None of the above (all are true)

2) Where did the oldest stars in the Milky Way form?
   a. In the protogalactic cloud
   b. In the central bulge
   c. In spiral arms
   d. In the disk, but not in the spiral arms

3) What is the mass of the object at the center of the Milky Way?
   a. 40,000 solar masses
   b. 300,000 solar masses
   c. 3 million solar masses
   d. 40 million solar masses
   e. 300 million solar masses

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

Signature:

Name: