MULTIPLE CHOICE QUESTIONS (Approx. 40 questions)
* All Material in Chapter’s 9-13
* Lecture notes

1) Structure of the Sun
2) Stellar Parallax
3) Apparent vs. Absolute Magnitude
4) HR Diagram
5) Star Formation and Death (Nebula, Protostar, Main Sequence, Red Giant, Supernova, White Dwarf, Neutron Star, Black Hole, Black dwarf, etc.)
6) Black Holes and Neutron Stars

Specific Information to key on for multiple choice from the lab:
1) HR Diagram Lab
   * Know where each region on the HR Diagram is located (Nebula, Protostar, Main Sequence, Red Giant, Red Supergiant, Planetary Nebula, White Dwarf)

MATCHING QUESTIONS (Approx. 10 questions)
*HR Diagram

FILL IN THE BLANK QUESTIONS (Approx. 10 questions)
* Vocabulary
   1) Vocab from back of chapters and lecture notes.

POTENTIAL SHORT/ANSWER ESSAY QUESTIONS (Approx. 3-5 questions)
* The life and death of stars. Know the difference between a low mass, medium mass, and high mass star’s life and death.
* Explain the death of a supermassive star.
* Explain the difference between absolute and apparent magnitude.
* Name the layers of the sun from core to corona
* Newton’s Universal Law of Gravitation Problems from our class worksheet.
* Explain Schwarzschild’s radius and the Event Horizon of a black hole.
* Explain how a neutron star is formed.
* Be able to determine planetary elongations and significant positions from the “planetary properties” lab.
* Understand which stars are rising-setting, never setting, and never rising for differing latitudes.