

Name _____

Print out and use this as a cover sheet for your hand-written answers.

1. Explain how General Relativity's law of motion, that objects move along geodesics in curved space-time, is in a sense analogous to Newton's 1st law of motion but not Newton's 2nd law of motion.
[4.3 Curved Space-Time, 2.1 Space, Time, Motion]
2. Outline the observed structure and contents of the universe (start with planets and work your way up).
[4.4 Structure of the Universe]
3. What is the Hubble Relation and how is it explained in General Relativity?
[4.4 Structure of the Universe]