

Review of Cosmology Lecture
Astronomy 25

- 1) Cosmology is a study of _____.
- 2) Early astronomers thought that galaxies were _____.
- 3) The most prominent Cosmologist of modern times was _____.
- 4) He proved the misnamed "nebulae" were really stars using _____ variable stars, a process discovered in 1912 by _____.
- 5) It is important to include all your work in lab reports. T / F
- 6) Hubble detected a movement of galactic spectra known as the _____.
- 7) A blue-shift indicates an object is moving away from you. T / F
- 8) Hubble found that some/ none/ most galaxies were receding from us.
- 9) Hubble's Law can be stated as follows:
 - 1) All galaxies exhibit _____.
 - 2) Far away galaxies move away _____.
- 10) Hubble's Constant is thought to be about _____ km/sec/megaParsec.
- 11) This would make the Universe about _____ years old.
- 12) We have a rough idea what went on just before the Big Bang. T / F
- 13) The Universe is thought to probably be expanding/contracting/stable?
- 14) The problem of fixing a value for S , the Cosmological constant that will determine this, is measuring how much _____ there is in the Universe.
- 15) The stuff we can't see, that collectively has a big influence on S is called _____.