

Name: _____

Astronomical Observations Study Guide Questions, pg. 287

1. What is an observatory and what is it used for?

2. Where are observatories usually located, and why?

3. Why are most astronomical photographs made in an observatory recorded on glass photographic plates?

4. What are some of the things an astronomer must be able to do, besides making celestial observations?

5. Name and describe the two main types of telescopes.

6. What does a radiotelescope do?

7. Why is a map of the radio sky different than a visual map?

8. What are quasars?

9. What are pulsars?

10. What is the main advantage of making astronomical observations from a high balloon?
11. When and with what event did the space age begin?
12. What are the three main phases of the study of the solar system by spacecraft?
13. What kinds of studies have the explorer series of spacecraft done?
14. What was the main work of *Skylab* in 1973/74?
15.
 - a. What was the mission of the Pioneer 10 spacecraft?
 - b. Where is it now?
16.
 - a. How many Apollo manned moon exploration missions were there?
 - b. During what period of time did they occur?
17. What important exploratory missions to Venus and Jupiter were conducted during the 1990's?
18. What new space station is currently being constructed in earth's orbit?