**Chapter S1…Timekeeping Questions**                        Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer the following by writing complete sentences.

1. How do we define the day, month, year, and planetary time periods?

2. How do we tell the time of day?

3. When and why do we have leap years?

4. What is an analemma?

5. How does mean solar time compare with standard time if you are at the far eastern edge of a time zone?

6. What is universal time (UT)?

7. How are celestial coordinates marked (name the two terms used to find objects on the celestial sphere)?

8. What’s the Sun’s path at the Tropic of Capricorn on the winter solstice?

9. How can you determine your latitude?

10. How can you determine your longitude?

11. Name an instrument of navigation (NOT GPS).

12. How is that instrument used?