

Directed Reading A *continued*

Match the correct description with the correct term. Write the letter in the space provided.

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|---|----------------------------|
| _____ 20. found in interstellar space | a. open cluster |
| _____ 21. found in a spherical halo that surrounds a spiral galaxy | b. globular cluster |
| | c. nebula |
| _____ 22. usually found along a galaxy's spiral disk | |

ORIGIN OF GALAXIES

- _____ **23.** Which one of the following statements is NOT true of quasars?
- a.** Quasars are among the closest objects to Earth.
 - b.** Quasars may be the core of young galaxies that were just beginning to form.
 - c.** Quasars are among the most distant objects of space.
 - d.** Quasars are among the most powerful energy sources in the universe.

24. Why is looking through a telescope like looking back through time?

25. Why do scientists study distant galaxies?
