

Blackline Master Quizzes for *Core Astronomy*
Blackline Master 1A Quiz

Circle the correct answer. There may be more than one!

1. Ancient Greeks started the western scientific tradition.
 - a. True
 - b. False

2. The first theory of the universe had which at the center?
 - a. The sun
 - b. The earth
 - c. The solar system

3. Who determined that the planets revolve around the earth?
 - a. Ptolemy
 - b. Galileo
 - c. Copernicus

4. Heavier objects fall faster when dropped from a high place.
 - a. True
 - b. False

5. Newton came up with four laws of motion that govern the movement of objects in space.
 - a. True
 - b. False

6. Our solar system was created from
 - a. A gas cloud
 - b. An old comet
 - c. The Milky Way

7. The first planet discovered that was not visible to the naked eye was
 - a. Uranus
 - b. Neptune
 - c. Jupiter

8. Pluto was discovered by Johann Galle.
 - a. True
 - b. False

9. Which are true statements from special relativity?
- Space is a given
 - The faster you go the more you shrink
 - Time is relative
10. $E=MC^2$ is a formula from general relativity.
- True
 - False
11. The gravitational attraction between two bodies in space can be described as the curvature of space.
- True
 - False
12. Nebula were found to be
- Galaxies
 - Comets
 - Globular clusters
13. The Milky Way is a kind of a drink.
- True
 - False
14. Our sun is near the center of the galaxy.
- True
 - False
15. There are
- Hundreds of galaxies
 - Millions of galaxies
 - Billions of galaxies
16. Other galaxies are
- Moving towards us
 - Moving both towards and away from us
 - Moving away from us
17. The Big Bang is a theory of sound.
- True
 - False

18. Quasars are stellar radio sources.

- a. True
- b. False

19. Quasars are found in deep space.

- a. True
- b. False

20. All stellar deaths are violent.
- True
 - False
21. Which of the following are stellar remnants?
- Quasars
 - Pulsars
 - White dwarfs
 - Blue giants
 - Black holes
 - Red giants
22. The Great attractor is a powerful magnet.
- True
 - False
23. Dark matter makes up most of the matter in the universe.
- True
 - False
24. Scientists understand what dark matter is.
- True
 - False
25. What have astronomers have found on extrasolar planets?
- Aliens
 - The chemicals that make up life
 - Riches beyond belief
26. Scientists have now answered all important scientific questions.
- True
 - False