

Science 9: Space Practice Multiple Choice

1. Which of the following best describes the term “constellation”
 - a. A group of stars that travel through space together
 - b. A group of stars that form a shape or pattern
 - c. A group of stars that is seen from the same part of the sky
 - d. A group of stars that are located near each other in space
2. Choose the phrase that best completes the following sentence. Compared to a star, the planet Venus is:
 - a. Much closer to us
 - b. Much bigger
 - c. Much hotter
3. The year is based on:
 - a. The Earth’s rotation
 - b. The Earth’s revolution
 - c. The Moon’s revolution
 - d. The Sun’s rotation
4. Choose the planet that is completely different from the other three
 - a. Jupiter
 - b. Neptune
 - c. Mars
 - d. Saturn
5. The brightest planet seen in the Earth’s skies is:
 - a. Mars
 - b. Venus
 - c. Jupiter
 - d. Uranus
6. Which of the following groups of planets all have moons?
 - a. Jupiter, Mercury, Neptune
 - b. Jupiter, Uranus, Venus
 - c. Earth, Saturn, Mercury
 - d. Mars, Neptune, Jupiter
7. There are _____ planets in the solar system as of 2006
 - a. 4
 - b. 5
 - c. 7
 - d. 8
8. This planet is unusual because its axis is on its side:
 - a. Uranus
 - b. Saturn
 - c. Earth
 - d. Mars
9. Everything that exists including all mater and energy everywhere is called the:
 - a. Universe
 - b. solar system
 - c. galaxy
 - d. constellation
10. Which of the following IS an outer planet:
 - a. Mars
 - b. Mercury
 - c. Earth
 - d. Jupiter
11. The person who studies the universe is called a(n):
 - a. Astronomy
 - b. scientist
 - c. astronomer
 - d. anatomy
12. The great red spot on Jupiter is actually a(n):
 - a. Tornado
 - b. Meteor impact zone
 - c. Huge hurricane
 - d. Rust deposit
13. The path a planet takes as it revolves around the sun:
 - a. Road
 - b. trail
 - c. route
 - d. orbit
14. If you called a friend in China at 2pm from Miramichi, what time is it in China?
 - a. 3pm
 - b. 2am
 - c. 2pm
 - d. 3am
15. During the winter the Earth is tilted in which direction to the sun?
 - a. Towards
 - b. up
 - c. down
 - d. away

16. If a space rock is stuck in the Earth's atmosphere it is considered a:
- a. Meteor
 - b. meteorite
 - c. meteoroid
 - d. asteroid
17. A chunk of frozen matter that travels in a very long orbit is called a:
- a. Comet
 - b. meteorite
 - c. asteroid
 - d. satellite
18. How long does it take Halley's comet to revolve around the sun>
- a. 54 years
 - b. 76 years
 - c. 104 years
 - d. 1000 years
19. The time it takes for Earth to make one revolution around the sun is:
- a. One year
 - b. two years
 - c. three years
 - d. 24 hours
20. The asteroid belt exists between which two planets:
- a. Earth and Mars
 - b. Jupiter and Mars
 - c. Jupiter and Saturn
 - d. Earth and Mercury