

Name: _____

Date: _____

- 1 Approximately how big is Earth's moon as compared to Earth?
 - A 1/2 the size
 - B 2/3 the size
 - C 1/3 the size
 - D They are about the same size.
- 2 The moon circles the Earth every 27 1/3 days. How long does it take the moon to make a full rotation on its own axis?
 - A 27 1/3 days
 - B 24 hours
 - C 25 days
 - D The moon does not rotate on its axis.
- 3 How can you tell the difference between maria and craters when viewing the Moon through a telescope?
 - A Maria appear lighter
 - B Maria appear darker
 - C Maria appear purple in color
 - D Maria appear yellow in color
- 4 Which one of the following are similar to shallow, flat-bottomed riverbeds on Earth?
 - A regolith
 - B breccia
 - C rilles
 - D craters
- 5 Read the following sentence and decide which of the options (A-D) is correct.

Apollo 13 landed the first humans on the Moon with Americans Lance Armstrong and Buzz Aldrin in 1969. (Input all that apply, then push the ENTER button.)

 - A Change "Buzz Aldrin" to "Buzz Aldrich"
 - B Change "Lance Armstrong" to "Neil Armstrong"
 - C Change "13" to "11"
 - D There are no changes needed.

- 6 The cup shaped depression or cavity on the surface of the Earth or other heavenly bodies.
 - A Gibbous
 - B Maria
 - C Impact Crater
- 7 The Moon's motion in its orbit (progressive changes in the visible portion of the Moon).
 - A Phases (of the Moon)
 - B Eclipse
 - C Impact Crater
- 8 Convex at both edges, as the Moon when more than half full.
 - A Wax
 - B Regolith
 - C Gibbous
- 9 Sometimes the new moon is faintly visible by day, because its otherwise dark night side is illuminated by reflected Earthlight.
 - A Impact Crater
 - B Planetshine
 - C Phases of the Moon
- 10 The obstruction of the light of the Moon by the intervention of the Earth between it and the Sun.
 - A Eclipse (Lunar)
 - B Phases of the Moon
 - C Planetshine
 - D Impact Crater
- 11 What are the relative positions of the Moon, Earth and Sun during a full Moon?
 - A The Earth is between the Moon and the Sun
 - B The Earth and the Sun are equal distances from the Moon
 - C The Moon is between the Earth and the Sun
 - D None of the above are correct.

12 Which of the following statements is FALSE concerning the maria on the Moon?

- A They are younger than the rest of the Moon.
- B They cover up older craters.
- C Some maria have definite magnetic fields.
- D All of the above are false.
- E None of the above are false.

13 What are tektites?

- A People who role-play that they on a cast member of the TV show Star Trek.
- B Tiny glass spheres no larger than sand granules found on the surface of the Moon.
- C Broken rocks from the impact of meteorites on the Moon.
- D Rocks that were once molten but later became solidified.

14 Which of the following statements about the Moon is TRUE?

- A Visible starlight is roughly the same on the surface of the Moon as on the surface of the Earth.
- B The Moon is roughly one-quarter the size of Earth.
- C The Moon circles the Earth once every 30 days.
- D The Moon is iron-poor.
- E All of the above are true.

15 How are moonquakes and earthquakes different?

- A Moonquakes can't be measured like earthquakes, using seismometers.
- B Earthquakes are local events whereas moonquakes cause the whole Moon to vibrate.
- C Earthquakes are much stronger than moonquakes.
- D There is no significant difference between earthquakes and moonquakes.

16 Erosion on the moon is due to

- A Rain
- B Wind
- C A & B
- D Breccia and atomic particles from the Sun
- E A & D

- 17 The so-called "seas" on the Moon are
- A the maria, which actually are plains carved with lava or volcanic ash.
 - B lunar spots caused by cooler concentrations of hydrogen suspended in the cosmos.
 - C the mare or maria, which really are areas of water vapor in suspension.
- 18 The Moon has no atmosphere. Thus there is
- A no gradual daily temperature change from hot to cold.
 - B no daily temperature change at all.
 - C a gradual daily temperature change from hot to cold.
- 19 Which of the following is NOT a true statement?
- A Modern maps of the Earth were more complete than maps of the lunar surface prior to the Apollo expeditions.
 - B Astronomical laboratories and observatories on the Moon would be able to probe greater distances into space than would astronomical laboratories and observatories on the Earth.
 - C The mapping and study of our own Earth and its atmosphere from Moon and space satellites would lend more accuracy to our current geographical and meteorological information.
 - D All are true statements.
- 20 How many miles (in diameter) is the largest crater on the near side of the Moon?
- A 508
 - B 183
 - C 225
 - D 313

Answer Key: NS2-M3C13 - The Moon (Exam)

Question:	Answer
1	C
2	A
3	B
4	C
5	BC
6	C
7	A
8	C
9	B
10	A
11	A
12	C
13	B
14	D
15	B
16	D
17	A
18	A
19	A
20	B