

Montfort School Ambikapur

Class- 5th Chapter -5

Moon and Artificial Satellites

Tick the correct answer

1. Moon takes **27.3** days to complete one revolution.
2. Small sunlit portion of the Moon's surface is called **crescent moon**
3. The space ship that took three American astronauts on the moon is **Apollo XI**
4. During Solar eclipse **moon** Casts its shadow.
5. The water of the seas on the sides of earth facing the moon gets attracted upward it causes high tide
6. The satellite that send messages from one country to another is communication satellite.

Answer the following questions.

1. Why do Tides occur?

Ans. Tides are caused mainly by the gravitational pull of the Moon.

2. Why does life not exist on moon?

Ans. Life does not exist on moon because there is no air and water on moon

3. How are eclipses formed.

Answer. The shadow of the Earth and the Moon produced by sunlight are called eclipses at the time of eclipse the sun moon and the earth are in a straight line.

Lunar eclipse occur When earth comes between the sun and the moon and the earth Casts its shadow on the moon.

Solar eclipse occurs when moon comes between the sun and the earth and the moon Casts its shadow on the earth.

4. Who was the first Indian woman to go into the space?

Answer. Kalpana Chawla



5. Name the first Indian artificial satellite.

Answer. Aryabhata

6. Name two types of eclipses.

Answer. Solar eclipse and lunar eclipse.

Multiple choice questions

1. The gravity of moon is **1/6** of the earth.

2. Everyday high tide occurs **twice**.

3. When moon is not visible to us it is called **New Moon**.

Circle the odd ones.

1. Moon- it is a natural satellite whereas others are artificial satellites

2. eclipse - it is formed by the Shadows of the Earth and the Moon produced by sunlight.

3. gibbous moon - it is one of the phases of the Moon others are types of eclipses.

Fill in the blanks with the help of given words.

1. When entire moon is invisible we call it a Total **lunar**

2. The natural satellite of the Earth is **moon**.

3. **Artificial satellite** helps us in communication weather forecasting navigation etc.

4. **Solar eclipse** happens when the moon comes in between the sun and the earth.

5. The **moon** has no atmosphere.

Multiple choice questions

1. When the moon comes in between the sun and the earth we have **solar eclipse**.

2. The moon reflects the light of the **Sun**.

Very short answer questions.

1. Name the spaceship that took three American astronauts to the moon.

Answer Apollo X I

2. Name two phases of the Moon.

Answer crescent moon and gibbous Moon

Short answer questions

1. Why is life possible only on the earth?

Answer - earth has air water and is at the right distance from the sun so has a moderate temperature to support life does life is possible only on the earth.

2. What are artificial satellites?

Answer .The human made satellite in space which revolve around the earth are called artificial satellites.

3. Moon appears very beautiful when seen from the earth but it contains many craters .

A) does life exist on moon?

Answer. No life does not exist on moon.

B) do you think we should always be attracted towards the beautiful things only?

Answer. No we should not always attracted towards the beautiful things only because it is not necessary that beautiful things are good so we should be attracted towards good things not necessarily beautiful.

Long answer questions.

1. Describe the surface of the Moon.

The surface of moon is Rocky rough uneven and covered with dark grey dust surface of moon appears to consists of bright and dark patches because it is made up of mountains and craters letters are saucer shaped holes that have been made when lumps of rocks and iron called Meteorite hit the Moon's surface.

2. What is a solar eclipse? also, draw its diagram.

Answer. When the moon comes between the sun and the earth the moon Casts its shadow on the earth the people in certain parts of the earth cannot see the sun at all or see it only partially for sometimes this is called solar eclipse.

Draw the diagram of solar eclipse from your book.

