



GENERAL SCIENCE

CH: 10 THE EARTH, SUN, MOON – LIGHT AND SHADOW

Name: _____

Date: _____

Class: V Sec: ____

I. Fill in the blanks.

1. We are able to see objects during the day because of -----
2. The moon is the Earth's natural -----
3. Light travels in a ----- line.
4. An object which does not allow light to pass through them is called an -----object.
5. An opaque object forms a ----- shadow.
6. Objects which allow light to pass through them completely are said to be -----
7. Translucent objects form ----- shadows.
8. Solar eclipse occurs on a ----- moon day.
9. -----objects do not form shadows.
10. -----eclipse occurs on a full moon day.

II. Name the following:

1. The American astronauts who landed on the moon for the first time - -----

2. A dark patch formed behind an opaque object when light falls on it - -----
3. The commandant module pilot for Apollo – 11 - -----
4. The star at the centre of the solar system - -----
5. Two translucent objects - -----, -----
6. The eclipse that occurs when the moon's shadow falls on the surface of the earth - -----

7. The eclipse that occurs when the earth's shadow falls on the moon's surface. - -----

8. The spacecraft used for Apollo – 11 mission - -----
9. The brightest object in the night sky - -----
10. Full form of **ISRO** - -----

III. Write True or False.



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1. Transparent object forms clear shadows. -----
2. Light travels in a straight line. -----
3. The earth comes in between the Sun and Moon during solar eclipse. -----
4. A wooden chair is an example for an opaque object. -----
5. When the sun is completely blocked by the moon, we call it a partial solar eclipse. -----

IV. Answer the following questions.

1. Mention two precautions that must be taken before watching a solar eclipse.

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2. Write any two factors that affect the size of a shadow.

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3. Differentiate the position and size of the shadows during different intervals of the day.
