Chapter No-8

Lecture sheet- 1

Chapter Name: The Universe

## **Answer sheet:**

\*\*\* Students should read the book first.

1.

- a) Moon
- b) Rock
- c) Universe
- d) 28 days

2.

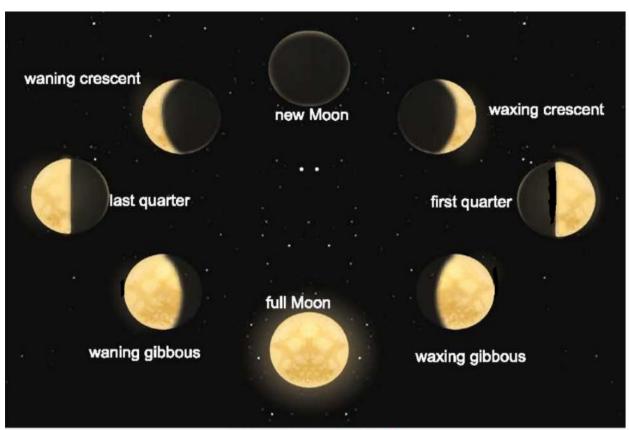
- a) Everything that exists, including galaxies, stars, planets, space, all matter, and energy is called universe. There are billions of galaxies in the universe.
- b) The moon is a space object that moves around the Earth.
- c) Characteristic of moon:
  - I. It has large sphere shape made of rock materials.
  - II. It does not have its own light. It gets energy from sun.

**3.** 

a) <u>The phases of the moon:</u> The changing shapes of the bright part of the moon that we see are called phases of the moon.

The phases of the Moon are the different shapes the Moon looks from Earth over about a month. As the Moon rotates around the Earth, the half of the Moon face will be illuminated by the sun. There are eight phases of the moon. A phase is an angle of the moon to the earth so it appears differently every day. Each phase repeats itself every 28 days.

4



eight phases of the Moon

\*\*\*\*Share to your afternoon teacher what you have learned from today's lecture.