

QUESTIONS IN GEOGRAPHY.—The following questions in geography, with appropriate answers, are reproduced from that bright educational journal, the *Canadian Teacher*. Our readers will find them a valuable test of the work that is being done by the pupils.

1. What is the earth? The sun? The moon?
2. Describe the orbit of each of these.
3. Distinguish the diurnal from the annual motion of the earth. What is the purpose of each?
4. What is the circle of illumination?
Show two causes for its constant changing.
How does it divide the equator?
How does it divide the parallels of latitude?
When does it bisect them?
5. What are the equinoxes? The solstices? Account for each name.
6. Account for the length of a day, a month, a year.
7. Why do the sun and the other heavenly bodies appear to us to move from the east to the west in twelve hours?
8. Why does the moon rise and set later each succeeding day while the time of sunrise and sunset vary so little?
9. What produces the change in seasons? What produces the change in length of day?

ANSWERS.

1. The earth is a planet—a heavenly body revolving round the sun.

The sun is the centre of the solar system.

The moon is a satellite—a heavenly body revolving round a planet.

2. The orbit of each is an ellipse. The moon revolves around the earth, the earth around the sun and the sun around the centre of the universe.

3. The diurnal motion of the earth is its rotation on its own axis. The annual motion is its revolution around the sun. The first produces the succession of day and night. The second produces the change in the seasons and the change in the length of day and night.

4. The circle of illumination is that line on the surface of the earth which divides the light part from the dark.

It is constantly changing on account of the rotation of the earth and also because of the annual motion. It always bisects the equator.