

3. What membrane envelops the heart; (b) covers the tongue?

4. Mention two modifications of the skin, and state the function of each.

5. (a) In what class of blood vessels has the blood an intermittent motion. (b) Where is intermittent motion interrupted? (c) What is the use of the valves in the veins?

6. Show how poor teeth may become the cause of poor health.

7. What is the distinguishing color of the fluid in (a) the lacteals; (b) the arteries; (c) the veins?

8. What effect does the relaxation of the diaphragm have upon the act of respiration?

9. What is the principal secretion of (a) the liver; (b) the kidneys?

10. (a) Why does a person feel stronger immediately after partaking of an alcoholic beverage? (b) What are the after effects?

ANSWERS.

1. The immoveable, dove-tailed joints of the skull; (b) the chief substance of the teeth, just beneath the enamel; (c) the inner coating of the eye.

2. (a) To digest the albuminous food in the stomach; (b) to keep the eyeballs moist; (c) to lubricate the joints.

3. (a) The pericardium; (b) the mucous membrane.

4. The nails, to protect the ends of the fingers, and aid in picking up things; the hair, to protect the head.

5. (a) In the arteries; (b) in the capillaries and veins; (c) to prevent the blood from flowing back.

6. It hinders the proper mastication of food, and hence the stomach is overworked, and the digestion impaired.

7. (a) White; (b) bright red; (c) dark red.

8. It helps to expel the air from the lungs.

9. (a) The bile; (b) the urine.

10. (a) Because the blood flows more rapidly through the body; (b) the brain is stupefied.

—EARLY in the commencement of the study of geography, the children should learn to locate the points of the compass. They all know in what direction the sun rises; they may point towards the place where the sun rises. The teacher should inform herself by observation where the sun rises directly in the east, and by the use of a compass