

No. 4.

1. Define the following :—*Aphelion, perigee, solstice, great circle, and equinoctial line.*

When do the solstices occur ?

Name three great circles.

2. What is meant by the *phases* of the moon ? Account for them.

3. Account for the position of the tropics and polar circles. If the axis of the earth made an angle of 63° with the plane of its orbit, what would be the width of the *temperate zones* ?

4. What is an eclipse ? What causes eclipses ?

Why are there not two each month ?

5. Name the British possessions in Europe and Africa.

6. What countries own the following :—*Gou, Jamaica, Greenland, Borneo, A ores, Falkland Islands, Bermudas, Samana, Sandwich Islands, and Trinidad.*

7. Where are the coal regions of Canada ?

8. Name the great sea-ports of the Baltic and the chief exports from them.

9. Name the countries of Europe and their capitals ; also state the form of government and prevailing religion of each. (Answer in tabular form.)

10 Where and what are the following (answer in tabular form) :—*Herzegovina, Plymouth Rock, Valetta, Sandy Hook, Father Point, Shipka, Alderney, Guernsey, Luzon, and Xeres.*

No. 5.

1. Define the following :—*zone, isothermal lines, isothermal lines, isochimnenal lines, geysers, glaciers.* Name the parallels of latitude which bound the zones.