

degrees count towards the right, and west when they count towards the left.

## LESSON XII.—ZONES AND CLIMATES.

85. *What are Zones?*—**Zones or Belts** are divisions made on the terrestrial globe by the tropics and polar circles.

86. *How many zones are there?*—There are five zones: one, Torrid; two Temperate; and two Frigid.

87. *Where is the Torrid Zone?*—The **Torrid Zone** is between the two tropics.

88. *Where are the Temperate Zones?*—The **Temperate Zones** are comprised between the tropics and the polar circles.

89. *Where are the Frigid Zones?*—The **Frigid Zones** lie between the polar circles and the poles.

90. *What is meant by Climate?*—By **Climate** is meant the different degrees of heat or cold at the surface of the earth. (a)

91. *Which Zone is the hottest?*—The **Torrid Zone** is the hottest. (Torrid means burning).

92. *What is said of the Climate of the Frigid Zones?*—The coldest **Climate** is in the **Frigid Zones**.

93.—*What is said of the Climate of the Temperate Zones?*—The **Climate** of the **Temperate Zones** is milder and more agreeable than that of the other zones. However, the climate of these zones varies more or less according to the proximity of distance from the others.

## LESSON XIII.—THE PRODUCTIONS OF EACH ZONE.

94. *What effect has the climate of the Torrid Zone on the human race?*—The climate of the **Torrid Zone** renders man weak, languid, and indolent.

(a) This definition only refers to heat and cold, the **Climate** may also be considered as healthy or unhealthy, dry or damp. When places known by the pupils possess any of these conditions, they may be advantageously cited as examples.

95. *What sorts of animals does this Zone produce?*—The animals of this Zone are numerous and generally very ferocious; the serpents and other reptiles are generally very venomous. The birds are very beautiful.

96. *What are the vegetable productions?*—The vegetables in the **Torrid Zone** grow with great luxuriance. The fruits are delicious and refreshing, the flowers beautiful.

97. *What is the effect of the climate of the Temperate Zones on man?*—In the **Temperate Zones** man enjoys better health, is more active, happier, and more civilized.

98. *What effect does this climate produce on animals?*—The animals of these Zones are less ferocious and more useful.

99. *What is said of vegetables in the Temperate Zones?*—The vegetables of these Zones are more useful, the fruit more substantial, and grain for the use of man and other animals more abundant.

100. *What effect has the climate of the Frigid Zones on mankind?*—The climate of the **Frigid Zones** renders man, stupid and inactive, and generally impedes the growth of his body and the development of his mind.

101. *What is said of the productions of the Frigid Zones?*—These Zones produce a large quantity of furry animals; but there is little vegetation.

## LESSON XIV.—THE THREE PHYSICAL, OR NATURAL KINGDOMS.

### THE ANIMAL KINGDOM.

102. *Of what does the Animal Kingdom consist?*—The **Animal Kingdom** comprises all living creatures on the earth and in the waters.

103. *What are Carnivorous Animals?*—**Carnivorous Animals** are those that feed upon flesh; as, the lion, the tiger, the bear, the wolf, the fox, &c.

104. *What is meant by Domestic Animals?*—**Domestic Animals** are those that live with