UNIT

Science Concepts

Fill in the letter of the choice that best answers the question.

9. Plants get the energy they need to live by changing substances into the sugars they use for food. Which two substances do plants change during photosynthesis to make food?

   (A) sugar and water
   (B) sugar and oxygen
   (C) carbon dioxide and water
   (D) carbon dioxide and oxygen

10. Which stage below is part of incomplete metamorphosis—but not of complete metamorphosis?

   (A) adult
   (B) egg
   (C) nymph
   (D) pupa

11. The bristlecone pine tree produces cones that are either male or female. In contrast, the fishpoison tree has flowers that contain both male and female parts. What can you infer about these two trees?

   (A) Both trees carry out sexual reproduction.
   (B) Both trees have incredibly long life cycles.
   (C) Both trees can disperse their seeds very far.
   (D) Both trees need insects to carry out pollination.

12. Examine the beak on the bird below.



   For which type of feeding is the shape of this beak best suited?

   (A) tearing food
   (B) eating small seeds
   (C) getting flower nectar
   (D) digging insects from bark

13. The bald cypress tree produces seeds protected within cones. This type of tree is found in swampy areas where heavy rains produce floods. The flood waters help spread the cones throughout the swampy areas. What role do the flood waters play in the life cycle of the bald cypress tree?

   (A) pollination
   (B) fertilization
   (C) seed dispersal
   (D) removal of dead leaves

LIVEWORKSHEETS