Exam Practice Unit 3

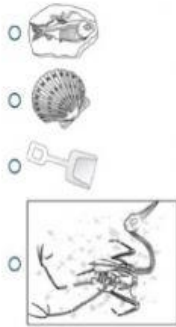**Lesson 1: Fossils**

1) **Which is not a fossil?**
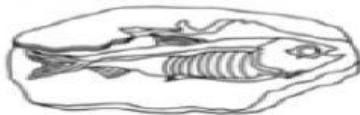

2) A -------------- is a model that is created when an imprint of a fossil is filled with a new   material.

cast   mold

3) A fossil is what is left of a living thing from the _____.

future   present   past

4) Fossils that are buried close to the surface are ----------------- than fossils buried deep in the ground.

younger   older

5) The remains of organisms from the past are called ----------------.

Fossils   Stones

6) Fossils can tell us how the Earth's----------------------- has changed over time.

weather   environment

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7) What type of animal does the fossil in the picture look like?

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8) A fossil with fins shows that the animal most likely could _____.

walk   fly   move through water

9) The dodo bird became ------------------ because it was hunted by humans and some animals.

extinct   famous

10) Fish fossils that are found on land most likely mean _____.

fish used to live on land   land used to be covered with water
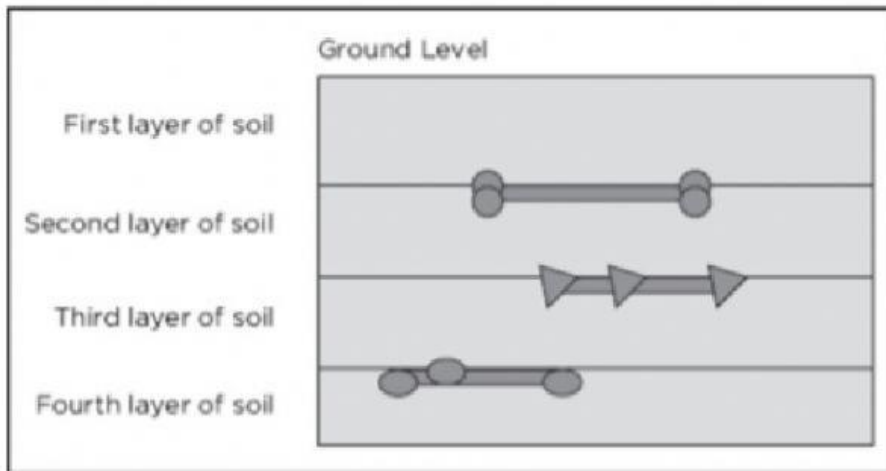
11) All endangered organisms will become extinct.

True   False

12) Which animal is extinct?

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13) The fossils of a dinosaur were found in the <u>third layer of soil</u>. What do we know about the fossils of a second dinosaur found in the <u>fourth layer of soil</u>?

a) Fossils in the third layer is <u>younger</u> that fourth layer

b) Fossils in the third layer is <u>older</u> than fourth layer

14) In which category is the saber-toothed cat found?

      endangered   extinct

15) Today, all that is left of dinosaurs are their ------------------------.

    Fossils   Hair
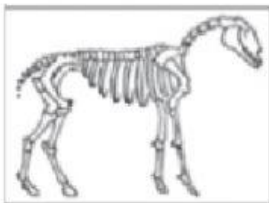
16) How deep a fossil is buried gives scientists clues about its _____.

   age   size   population

17) What can you tell about the animal in the picture?

   It flew from tree to tree.   b) It could walk and run.

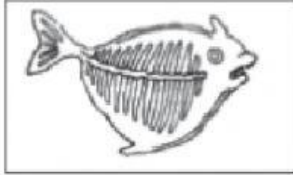**Exam Practice Unit 3**

18) Scientists find clues to Earth's past through fossils.

 True   False

19) It looks most like which animal that lives today?

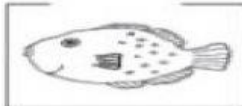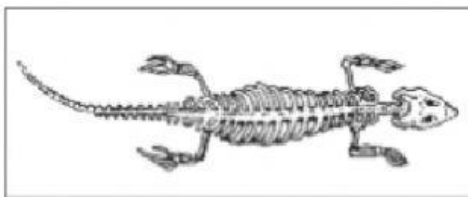

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20) Some dinosaur fossils have structures that look like wings. This could mean
_____.

they lived in water   they could fly   they were large

21) What part of this skeleton fossil suggests this animal lived on land?

The feet showed it moved by walking.

The tail showed it moved by walking.

The head showed it moved by walking.

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22) Only a few organisms become extinct each year.

True   False

23) When there are not many of one kind of animal left, the animal is considered _____.

 endangered   extinct adapted

24) If not enough is done for a species that is endangered, then it may become extinct

True   False

25) Which are reasons that an animal may become extinct? Select all that apply.

loss of habitat   pollution   extra food supply   hunting

26) An animal is endangered when _____.

b) it can protect its young from harm

c) it can no longer find food or live in its environment

Additional Practice

Fossils

https://www.liveworksheets.com/4-mu953451md

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Lesson 2: Changes Affect Organisms

1) An environment can be changed by _____, which washes away soil and plants.

a flood   a drought   a tornado   a wildfire

2) How could a wildfire affect the environment of a deer or mouse?

No food and shelter   it does not affect them at all.

3) A farmer accidentally planted seeds of an invasive species in his field. How is the plant harmful to the environment?

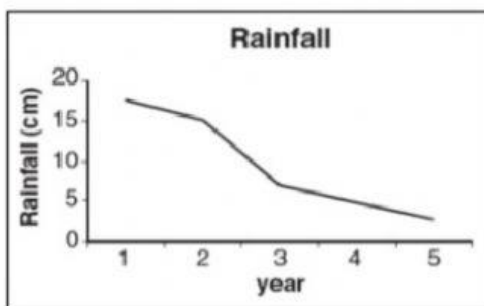   a) It will not harm the environment.
   b) It blocks sunlight and takes nutrients that native plants need.

4) When plants and animals cannot adapt to their environment, their population _____.

          dies off   survives

5) The graph below shows changes in rainfall in an area over five years.

To continue living in this environment, an animal would need to be able to store water for a long time and to adapt to new ways to find water

          True   False

6) Which could happen if people introduced a new animal into an environment?

a) The environment will not be affected.

b) All plants and animal can no longer live

c) The animal uses up resources.

7) Which is one way humans endanger animals?

a) Cleaning environments where animals live.
b) Clearing rain forests.

8) A road was built through a forest. Large animals that lived in the forest, such as deer and bears, could not safely cross the road. Fast-moving cars and trucks often hit animals that were crossing the road. So, a group of people built a bridge over the road. Scientists observed a deer walking over the bridge instead of crossing the road, as shown.

Animal Bridge

Make a claim about the effect that the bridge has on the animals in the forest, based on the given information.

Circle the cross or tick if you agree or disagree

a) Animals can cross safely
b) Scientists observed a deer walking over the bridge instead of crossing the road.
   Changes affect organisms

https://www.liveworksheets.com/4-fs971392tg