SCI-3

MMS Science Review Quiz #1

[Exam ID:218C58

Exam not valid for Paper Pencil Test Sessions

1 **Some birds fly south for the winter. Birds know when and where to fly because of —**

A hibernation
B mimicry
C instinct
D camouflage

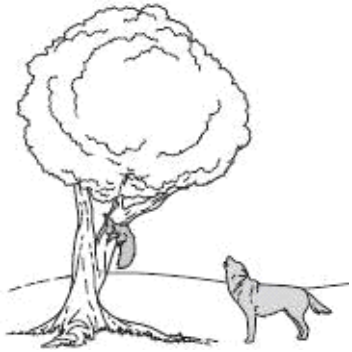
2 **Smelts are fish that lay their eggs in the sand on beaches. When the eggs hatch, the babies know to go to the water. This is an example of —**

A hibernation
B camouflage
C instinct
D learned behavior

3 **Which picture BEST shows a learned behavior in a dog?**

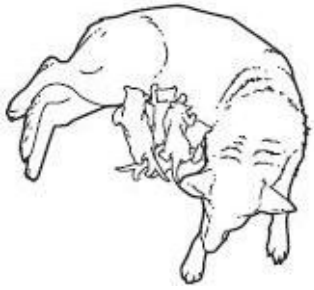
A

B



C

D



4 **Jake's cats eat food from a can. The cats come running into the kitchen when they hear the electric can opener. Now, each time Jake's mother opens a can of corn, the cats come running. This is an example of —**

A learned behavior
B instinct
C correct behavior
D migration

5 Directions: Click on each answer you want to select. You must select all correct answers.

Identify examples of behavioral adaptations.

- Instinct
- Migration
- Hibernation
- Camouflage
- Dormancy

6 Directions: Click and drag the text to the box.

Complete the chart by first deciding whether each adaptation is physical or behavioral. Then, choose what the adaptation would be used for.

Adaptations

	Physical	Behavioral
Gathering Food	Herons having long legs to wade in water	Wolves hunting in packs
Protection	Turtles having thick shells	Musk ox forming a circle keeping their young inside

7

This cactus has a thick skin that feels like wax. This type of skin is important because it —

A allows the plant to get food from the air
B keeps the plant from falling over
C helps to save water
D keeps the plant warm

8 **Camouflage MOST helps an animal with which of these life needs?**

A Hiding from predators
B Raising young
C Gathering enough food
D Finding shelter

9 **Which of the following are physical adaptations?**

A Learned behavior and mimicry
B Camouflage and instinct
C Instinct and learned behavior
D Hibernation and dormancy
E Mimicry and camouflage
F Migration and hibernation

10 **Which item makes its own food?**

A Fern
B Lizard
C Spider
D Mouse

11 **Which answer gives the correct order of a pond food chain?**

A RACCOON → FISH → ALGAE → MOSQUITO LARVA

B ALGAE → MOSQUITO LARVA → FISH → RACCOON

C FISH → ALGAE → MOSQUITO LARVA → RACCOON

D MOSQUITO LARVA → ALGAE → RACCOON → FISH

12 **In the food chain, decomposers are important because —**

A they get eaten by other decomposers
B they help dead animals and plants decay
C they are able to make their own food
D they get all their energy from the sun

13 **Why are decomposers important in any environment?**

A They make places for animals to live.
B They make food using sunlight.
C They help to break down dead organisms.
D They are a big part of the water cycle.

14 **All of these are consumers *EXCEPT* a —**

A bullfrog
B wasp
C butterfly
D tree

15 **Which of the following does NOT describe a rain forest?**

A Wet grounds
B Hot temperatures
C Snow
D Rain

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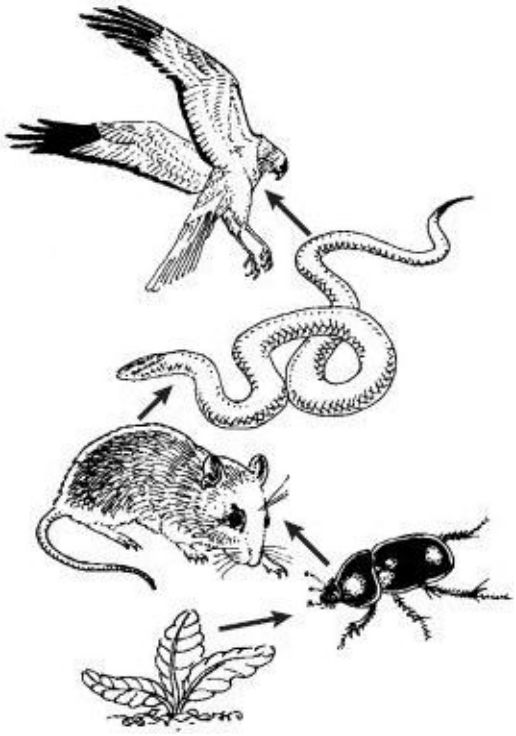

In the food chain above, what will likely happen if all of the mice leave the area?

A Snakes will not have enough food.

B The food chain will not be harmed.

C The plants will increase in number.

D There will not be enough insects in the food chain.

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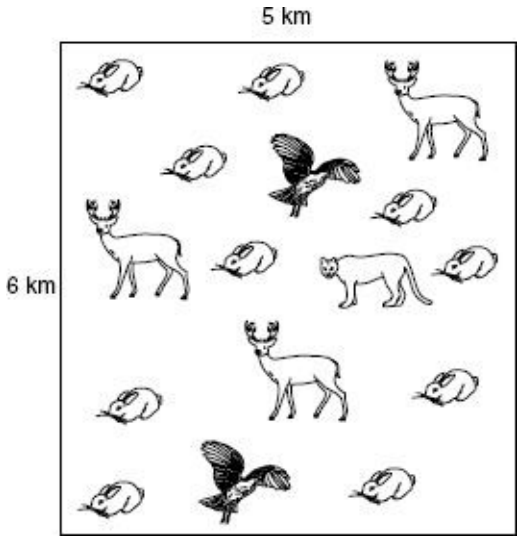

The picture shows a large area and the animals that live there. Which is the <u>largest</u> population in this area?

A The deer
B The rabbit
C The mountain lion
D The hawk

18 **Mold is often found growing on old bread. In a food chain, mold is a —**

A consumer
B decomposer
C scavenger
D producer

19 **A wetland habitat can continue to support the birds and fish that live there if people —**

A leave the land alone
B use the land for planting crops
C flood the highest parts of the land
D drain the water away

20 Directions: Click on each statement you want to select. You must select all correct statements.

Identify all correct statements.

- Some consumers make their own food.
- Producers and consumers eat decomposers.
- Producers make their own food.
- Some consumers eat other consumers.
- Decomposers break down consumers and producers.
- Some consumers eat producers.

21 **Which of these is a herbivore?**

A An opossum that eats fruit and fish
B A cow that eats grass
C A cat that eats mice
D A frog that eats insects

22 **If rainfall stopped falling in an area that was a forest, what habitat would the forest most likely become?**

A Swampland
B Desert
C Ocean
D Rain forest

23 **A black bear eats many different things, including grasses, roots, and berries. It also eats insects, fish, and other small animals. Which of these BEST describes a black bear?**

A Herbivore
B Omnivore
C Carnivore
D Producer

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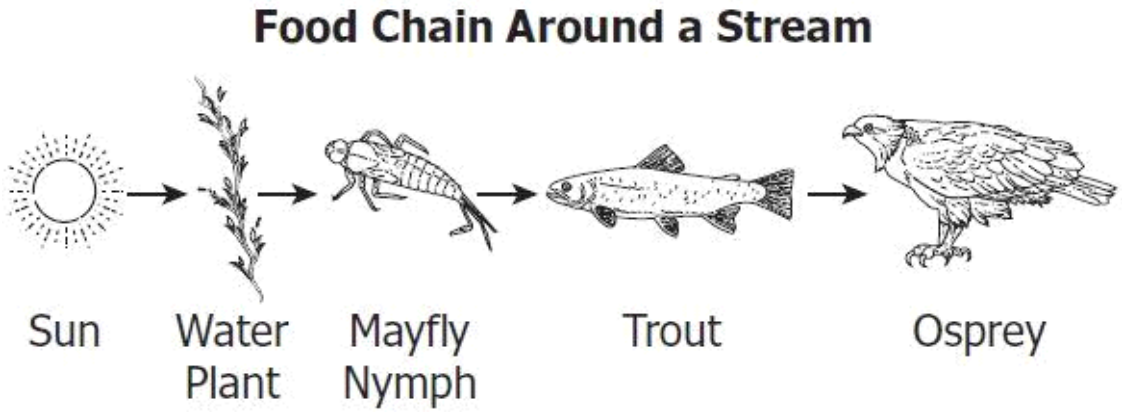


Based on the food chain, which of these is a carnivore?

A Osprey
B Water plant
C Sun
D Mayfly nymph

25 **What is prey?**

A An animal that is hunted and eaten by others
B A living thing that makes its own food
C A living thing that eats dead animals
D An animal that hunts other animals

26 ***Sun→plants→insects→bat***

Which is a predator in the food chain?

A *Bat*
B *Insects*
C *Plants*
D *Sun*

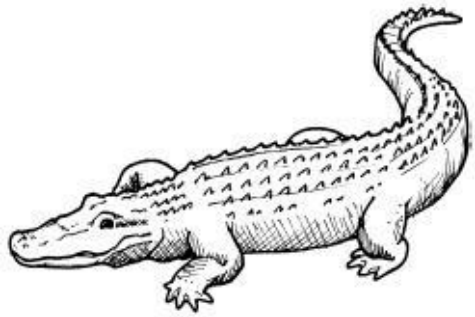
27 ***Which of these animals is prey for frogs?***

A

B

C

D



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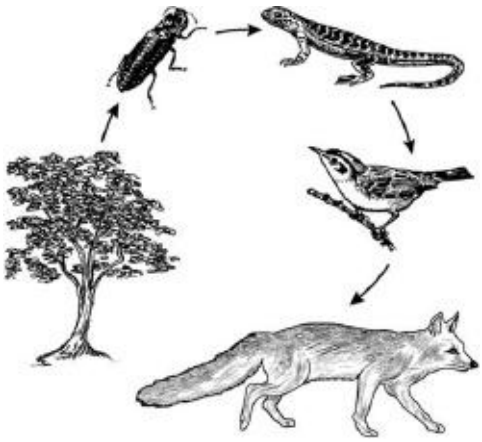


This food chain is MOST likely to be found in what type of environment?

A *A stream*

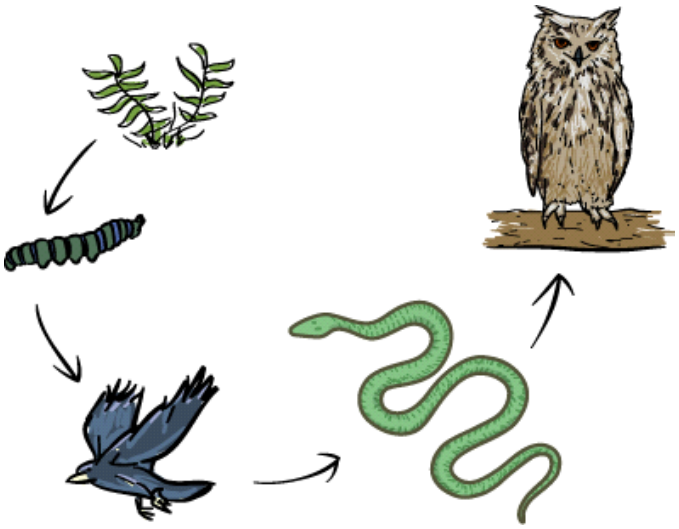
B *A forest*

C *An ocean*

D *A marshland*

29 *Directions: Click on each answer you want to select. You must select all correct answers.*

Identify each true statement.



- *The snake is prey for the owl.*
- *The snake is a predator of the bluebird.*
- *The bluebird is prey for the snake.*
- *The caterpillar is a predator for the bluebird.*
- *The owl is prey for the snake.*

30 ***Which organism would most likely be found living in a pond ecosystem?***

A *Brown bear*
B *Squirrel*
C *Mouse*
D *Ladybug*
E *Bald eagle*
F *Rose bush*
G *Lily pad*
H *Onion*

31 ***This habitat has salty water. It covers more space on the globe than land. Turtles, sharks, whales and plankton live here. What environment is described?***

A *Forest*
B *Pond*
C *Ocean*
D *Marshland*

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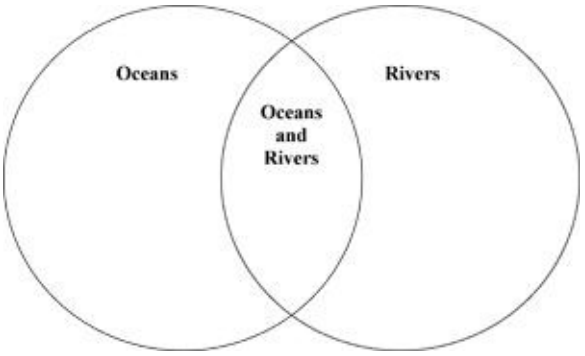


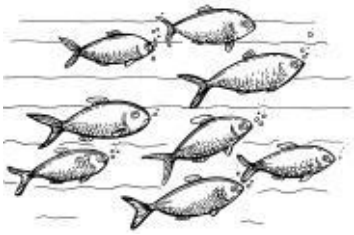
Which statement should be placed in the Oceans and Rivers section?

A *There is salt water.*
B *There are sharks and whales here.*
C *Many plants and fish survive here.*
D *There is fresh water.*

33 ***Which picture shows an ocean community?***

A

B



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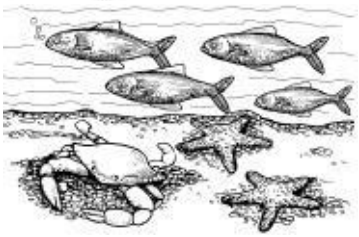
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