

1. Base your answers to the following questions on the information and table below and on your knowledge of science.

A farmer grows and sells flowering plants. The best-selling plants are the ones with the most blossoms. The farmer reads an advertisement for a plant food saying that it will make plants grow faster and taller. The farmer predicts that taller plants will have more blossoms and performs the following experiment to test this hypothesis.

Two groups of 10 plants each are grown in identical pots filled with equal amounts of identical soil. The amount of sunlight, the room temperature, and the amount of water are held constant for both groups. Group A is given plant food at regular intervals according to the instructions on the package. Group B is not given plant food.

The farmer observes the plants after 15 weeks of growth. The results are recorded below.

Data Table

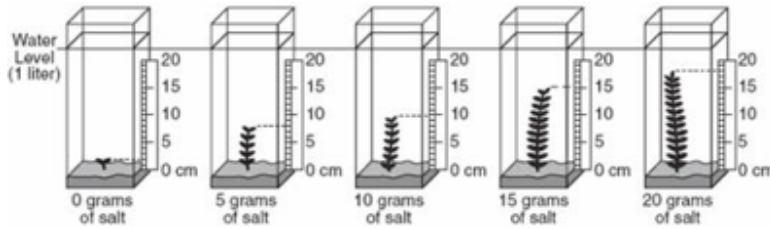
Group	Received Plant Food	Average Height (cm)	Average Number of Blossoms
A	yes	35	18.1
B	no	28	18.2

State the farmer's original hypothesis.

(2 pts)

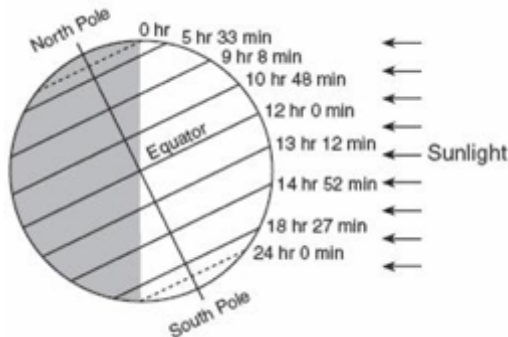
2. Based on the results of this experiment, is the farmer's original hypothesis correct? (2 pts)
3. Base your answers to the following questions on the information and diagrams below.

Saltwater plants of the same species were grown in soil in separate containers with 1 liter of water. All of the plants were the same height at the beginning of the experiment. Different amounts of salt were dissolved in each container as shown in the diagrams. All other conditions were held constant. Measurements for the final height of each plant are provided.



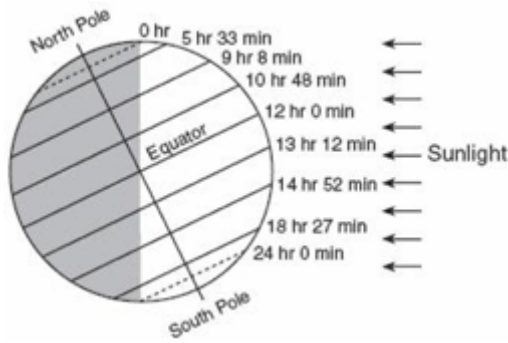
Based on the information provided, determine the expected height of this same type of plant if it were grown in 1 liter of water with 2.5 grams of salt added. (2 pts)

4. State *one* conclusion, based on the information provided, about the growth of this type of saltwater plant in water containing 0 to 20 grams of salt per liter. (2 pts)
5. Base your answers to the following questions on the diagram below, which shows Earth at one point in its orbit around the Sun. The length of daylight experienced at different latitudes on a given date is shown on the diagram.



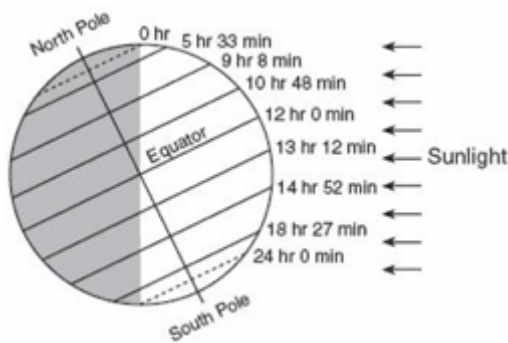
Describe how the length of daylight changes from the Equator to the North Pole on the date shown. (2 pts)

- 6.



What season is beginning in the Northern Hemisphere? (2 pts)

7.



Explain why the South Pole receives 24 hours of daylight on the date shown. (2 pts)

8. Base your answers to the following questions on the passage below and on your knowledge of science.

Sulfur dioxide and nitrogen dioxide are pollutants released into the atmosphere from the burning of fossil fuels. These pollutants combine with moisture in the air to form acid rain. A main source of these pollutants can be traced to power plants located in the midwestern United States. Due to weather patterns, the effects of acid rain have been most severe in the northeastern United States, including New York State.

The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Which *two* pollutants combine with water vapor in the air to produce acid rain? (2 pts)

9. Base your answers to the following questions on the passage below and on your knowledge of science.

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The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Describe how the prevailing winds play a role in the amount of acid rain that occurs in New York State. (2 pts)

10. Base your answers to the following questions on the passage below and on your knowledge of science.

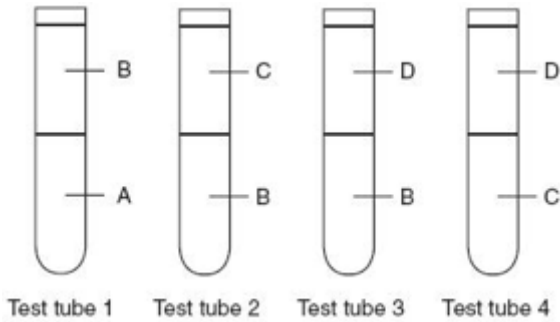
Sulfur dioxide and nitrogen dioxide are pollutants released into the atmosphere from the burning of fossil fuels. These pollutants combine with moisture in the air to form acid rain. A main source of these pollutants can be traced to power plants located in the midwestern United States. Due to weather patterns, the effects of acid rain have been most severe in the northeastern United States, including New York State.

The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Identify *one* action that could be taken to reduce the amount of acid rain. (2 pts)

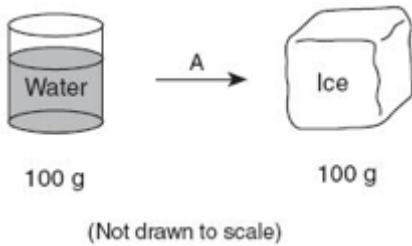
11. Base your answers to the following questions on the information and diagram below.

A student was given samples of four different liquids, *A*, *B*, *C*, and *D*. The student poured equal amounts of two different liquid samples into several test tubes. The results are shown in test tubes 1, 2, 3, and 4.



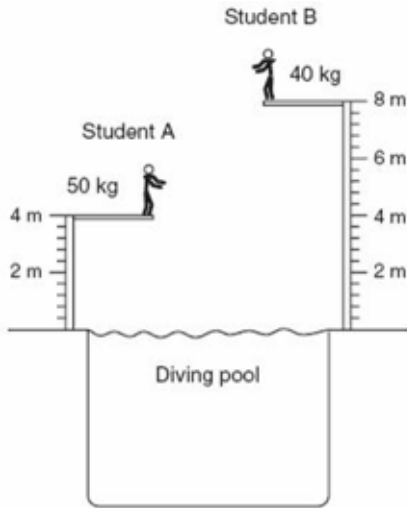
What physical property of the liquids causes them to separate into different layers when poured into the test tubes?
(1 pt)

12. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram shows a phase change represented by letter A.



State the term for the phase change that occurs at A and explain why the phase change at A is a physical change. (2 pts)

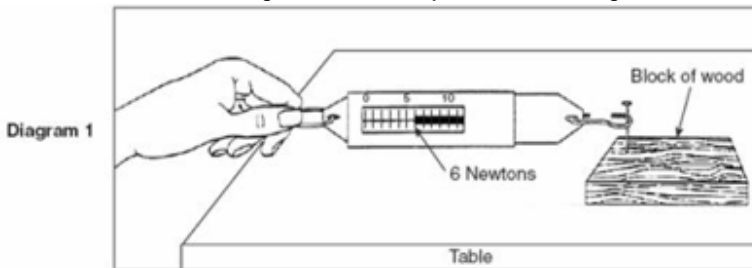
13. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram shows two students ready to dive into a pool.

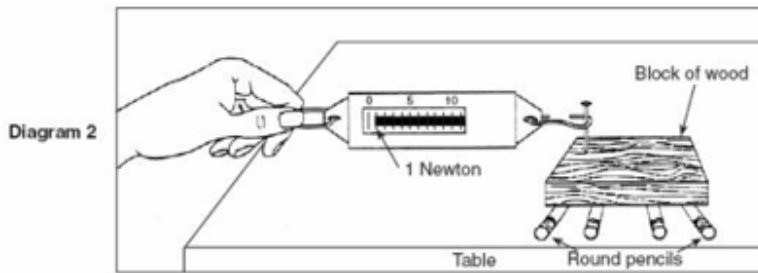


(Not drawn to scale)

Explain why student B has more potential energy than student A. (2 pts)

14. Base your answers to the following questions on diagram 1 and diagram 2 below and on your knowledge of science. The amount of force required to keep the same block of wood moving across the tabletop is shown in the diagrams.

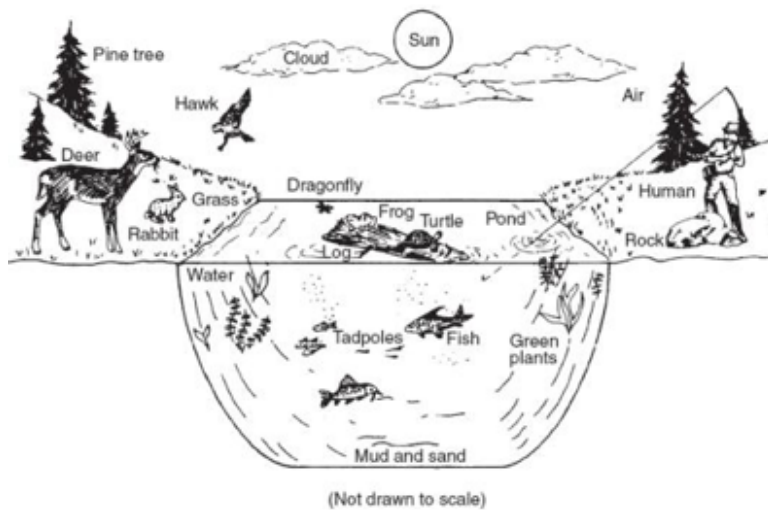




Which of the following is the name of the device in the diagrams used to measure force:

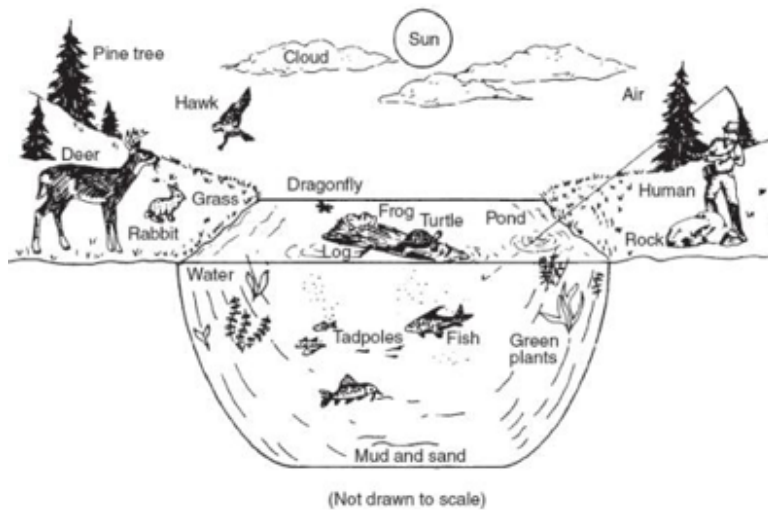
- voltmeter
- thermometer
- graduated cylinder
- spring scale (1 pt)

15. What change could be made in the setup in diagram 1 to increase the amount of force necessary to move the block of wood? (2 pts)
16. Explain why the round pencils in diagram 2 decreases the amount of force necessary to move the block of wood. (2 pts)
17. Base your answers to the following questions on the woodland and pond ecosystems illustrated below. The members of these ecosystems interact with one another as well as with the nonliving environment.



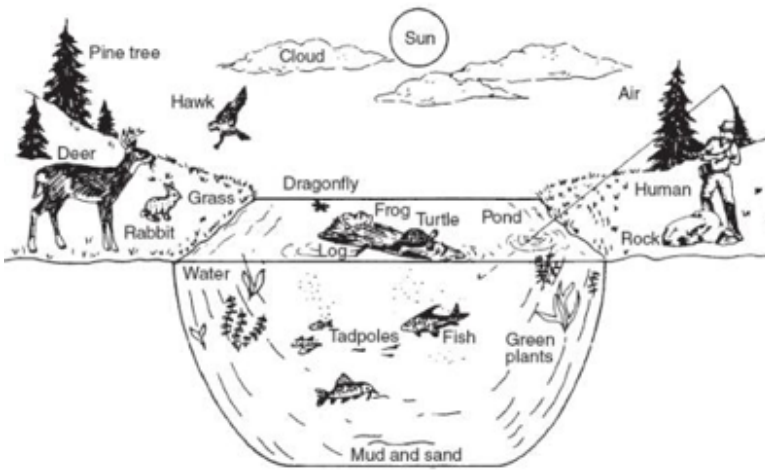
Identify one consumer shown in this ecosystem. (2 pts)

18.



Identify one producer shown in this ecosystem. (2 pts)

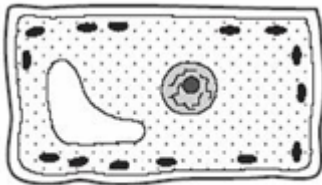
19.



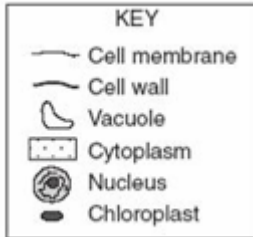
(Not drawn to scale)

What is the primary source of energy for this ecosystem? (2 pts)

20.

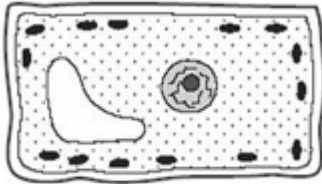


Plant cell

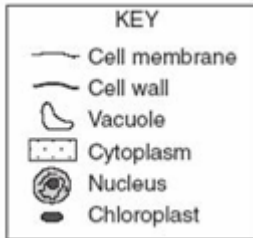


Which two structures are found in plant cells, but *not* in animal cells? (2 pts)

21.



Plant cell



Select *three* of the structures labeled in the diagram key. List these structures and state their function in the cell. (5 pts)

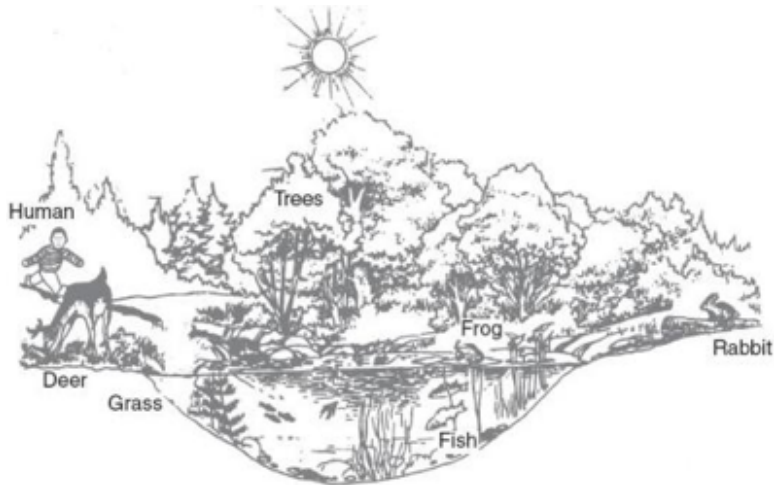
22. The diagram below shows two different-colored moths resting on a tree trunk.



How does this difference in pattern and color affect the moths' ability to survive in the environment? (4 pts)

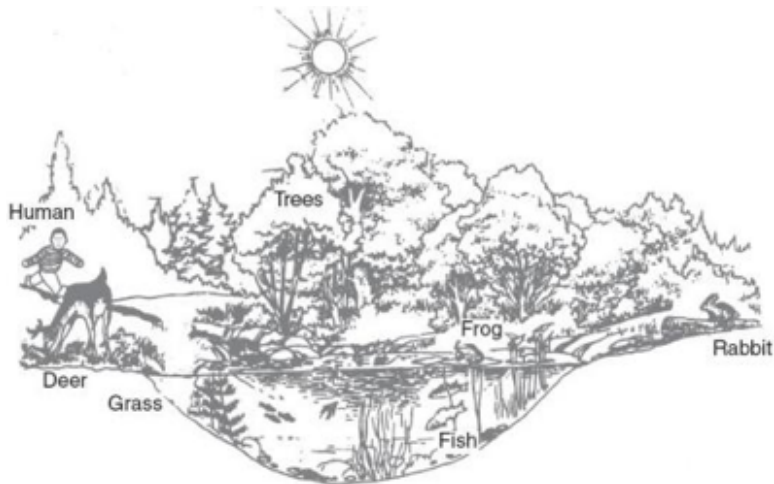
23. Base your answers to the following questions on the woodland and pond ecosystems illustrated below.

The members of these ecosystems interact with one another as well as with the nonliving environment.



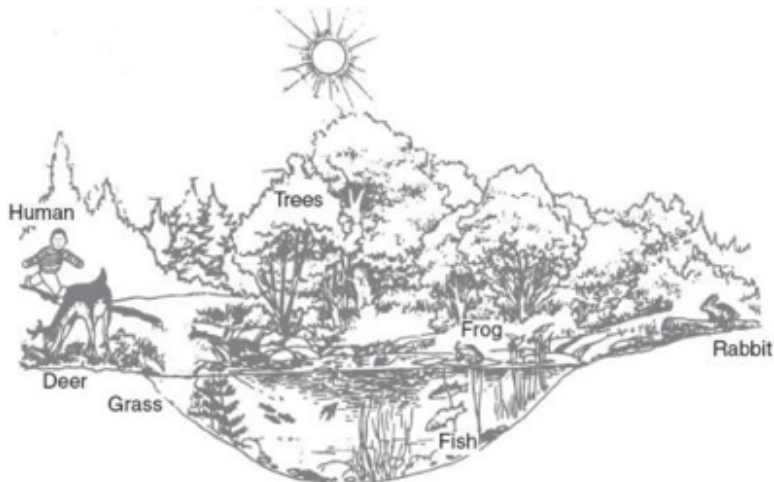
What is the main source of energy for these ecosystems? (2 pts)

24.



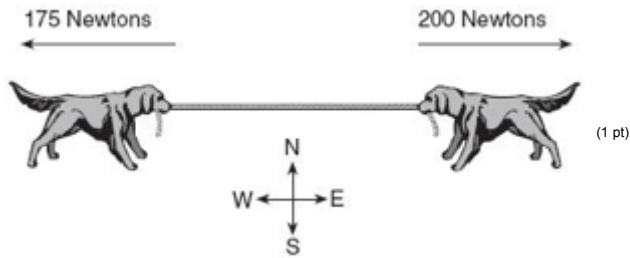
Identify a consumer in this ecosystem. (2 pts)

25.



Identify one organism in this ecosystem that produces chlorophyll. (2 pts)

26. The diagram below shows two dogs pulling on a rope with constant but unequal forces. What is the net force?



- A. west
- B. south
- C. north
- D. east

27. Base your answers to the following questions on the map below and on your knowledge of science. The map shows the origin of a maritime tropical air mass. The arrows hows the general track of this air mass. New York State is labeled NY.



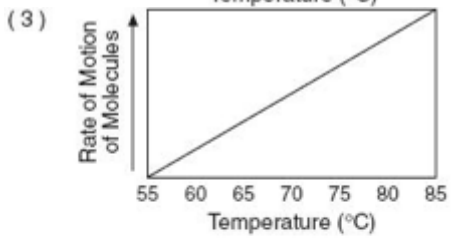
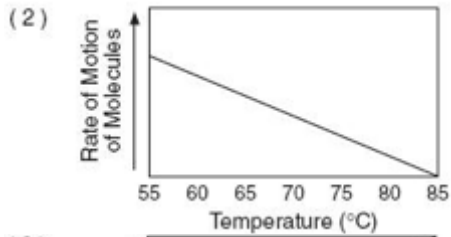
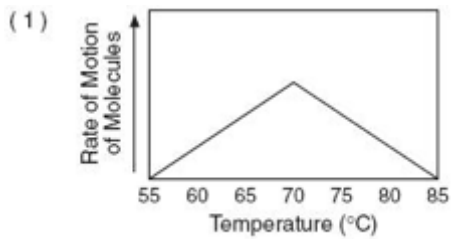
Which temperature and moisture conditions are associated with this air mass? (1 pt)

- A. cold and humid
- B. cold and dry
- C. warm and humid
- D. warm and dry

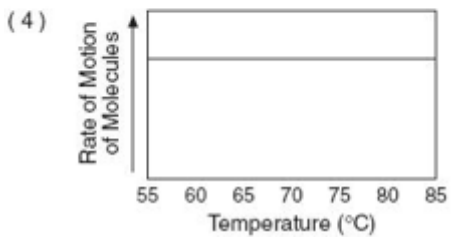
28. Which factor has the greatest influence on the direction of the air-mass track? (1 pt)

- A. upper air currents
- B. mountain barriers
- C. sea breezes
- D. ocean currents

29. Which graph correctly shows the effect of heat energy on the motion of molecules of matter?

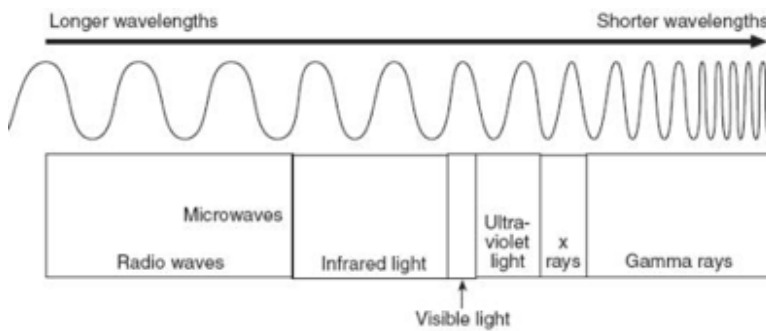


(1 pt)



- A. 3
- B. 4
- C. 2
- D. 1

30. The diagram below shows the relative wavelengths for several types of electromagnetic energy.



Which type of electromagnetic energy has a shorter wavelength than ultraviolet waves? (1 pt)

- A. x rays
- B. visible light
- C. infrared light
- D. microwaves

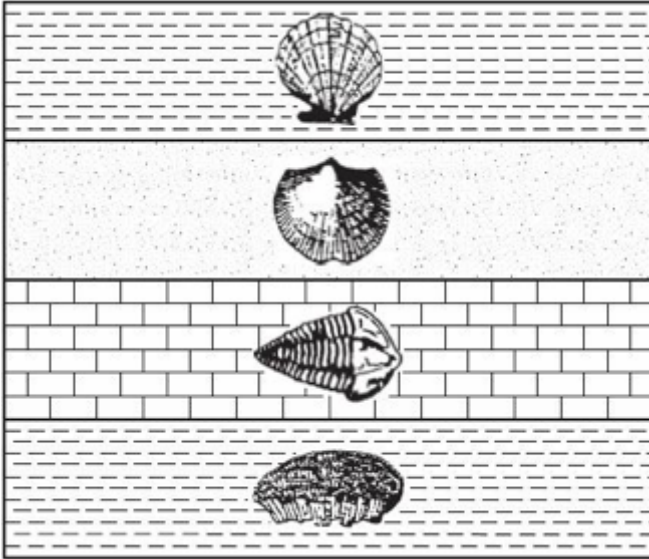
31. Which energy source is considered a *nonrenewable* resource? (1 pt)

- A. wind
- B. solar
- C. fossil fuels
- D. moving water

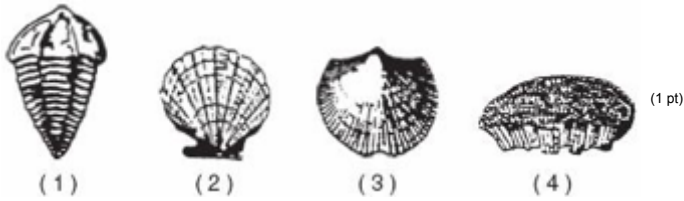
32. A television set changes electrical energy to sound and light energy. In this process, some energy is (1 pt)

- A. changed to heat
- B. changed to matter
- C. destroyed
- D. created

33. The cross section below shows sedimentary rock layers containing fossils.

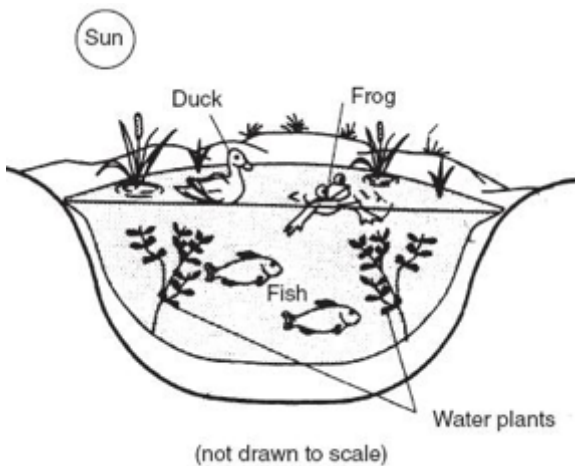


Assuming that these rock layers have not been overturned, which fossil is in the layer that was formed most recently?



- A. 2
- B. 4
- C. 1
- D. 3

34. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram represents a pond community containing a variety of plants and animals.

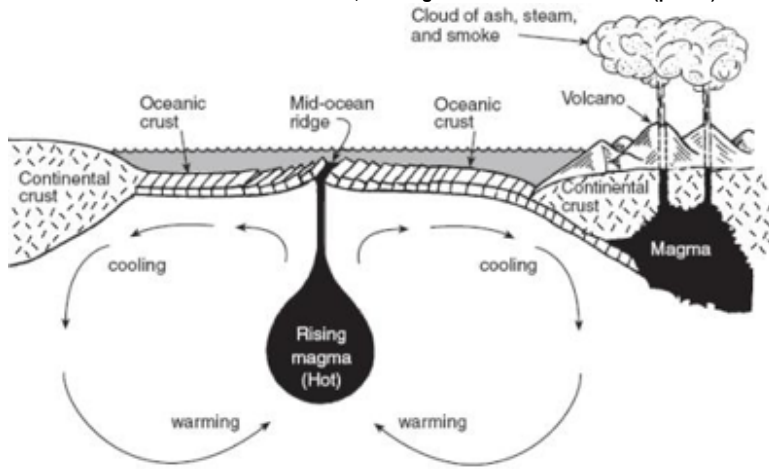


Why are the fish able to survive in the pond? (1 pt)

- A. The fish use carbon dioxide produced by the plants.
- B. The fish use oxygen produced by the plants.
- C. The plants use oxygen produced by the fish.
- D. The plants use chlorophyll produced by the fish.

35. The main source of energy for this pond community is the (1 pt)

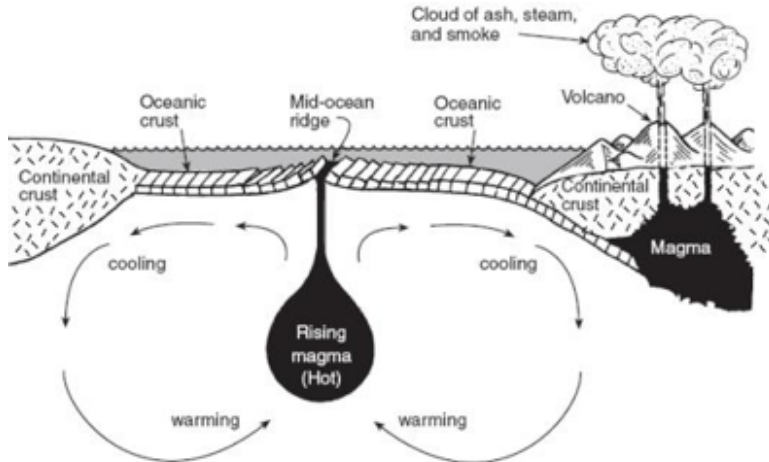
36. Base your answers to the following questions on the cross section below and on your knowledge of science. The cross section shows the heat flow and movement of some material within Earth, causing sections of Earth's crust (plates) to move.



(not drawn to scale)

How does the temperature of Earth's crust compare to the temperature of Earth's interior? (2 pts)

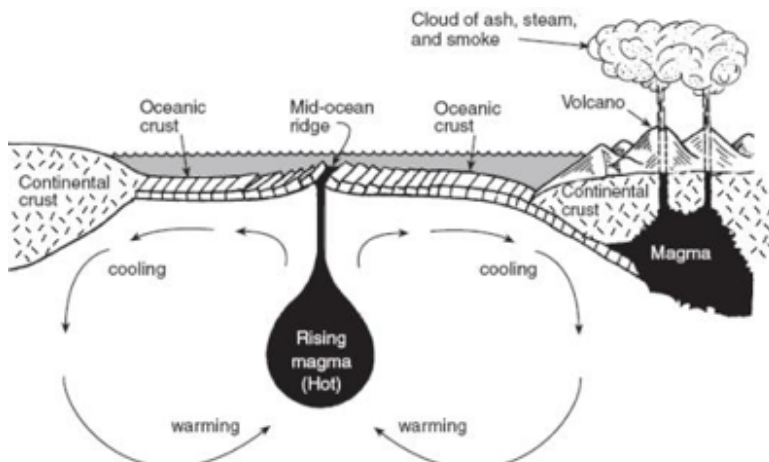
37. Name two geologic features or events that might result from the movement of crustal plates.



(2 pts)

(not drawn to scale)

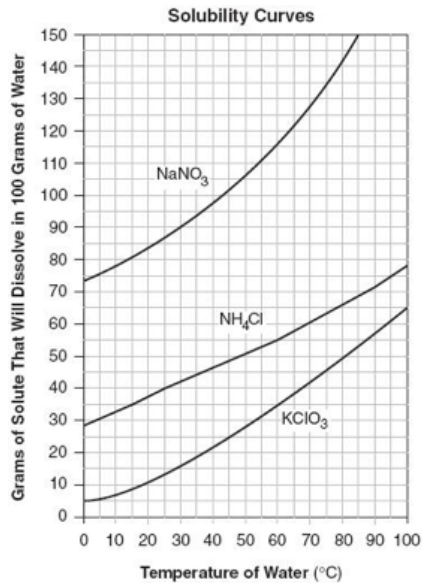
38.



(not drawn to scale)

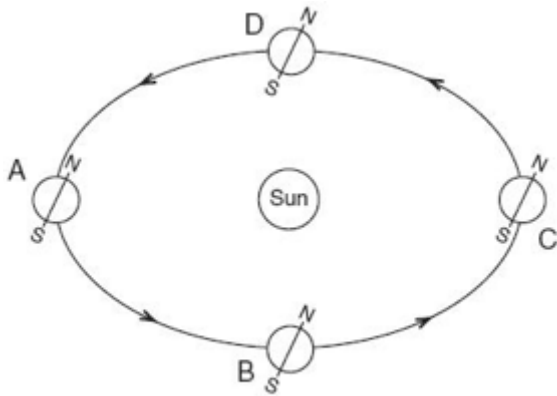
How does the thickness of Earth's oceanic crust compare to the thickness of the continental crust? (2 pts)

39. Base your answers to the following questions on the graph below and on the data table. The graph shows the amounts of three solid solutes that will dissolve in 100 grams of water at various temperatures.



Using the graphed data, describe the relationship between the temperature of the water and the amount of solute that will dissolve. "As the temperature of water increases..... (2 pts)

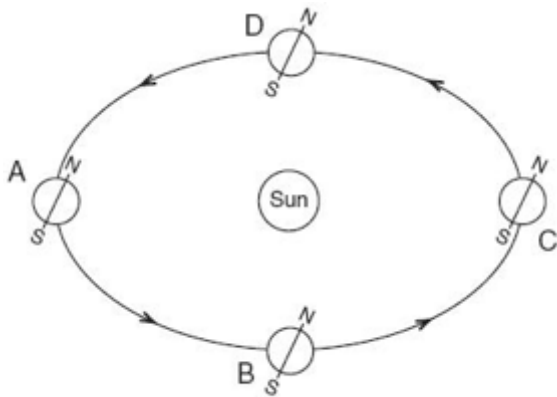
40. Base your answers to the following questions on the diagram below. The diagram shows Earth's revolution around the Sun as viewed from space. Positions A, B, C, and D represent the beginning of each season on Earth.



(not drawn to scale)

State one reason that Earth has seasons. (2 pts)

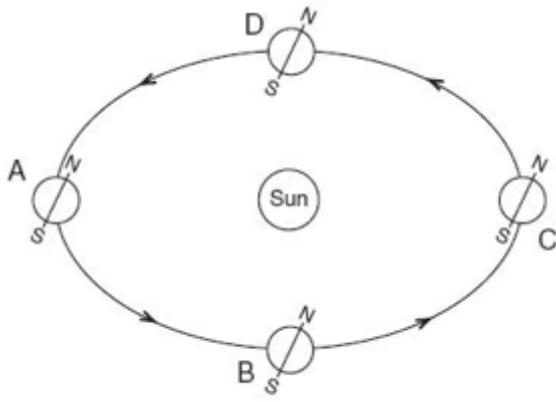
- 41.



(not drawn to scale)

If Earth were at position D, how much time would it take to return to position D? (2 pts)

- 42.



(not drawn to scale)

Which season begins in the Northern Hemisphere when Earth is at position A? (2 pts)

43. Base your answers to the following questions on the information below and on your knowledge of science.

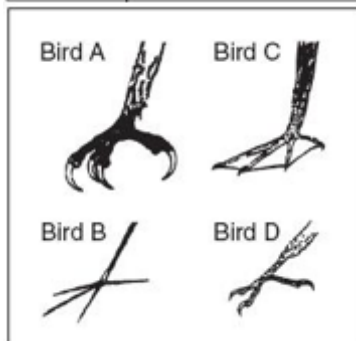
A company built a paper plant on 90 acres of land in a local community. The company employs 800 people and uses local timber to make the paper.

Describe a situation that might harm the environment as the company operates its paper plant. (2 pts)

44. Describe a way that the company might prevent this damage to the environment in the future. (2 pts)

45. Base your answers to the following questions on the drawings of bird feet and the dichotomous key below.

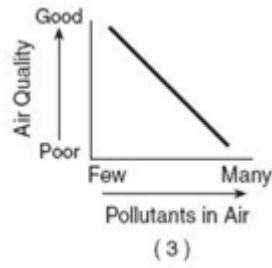
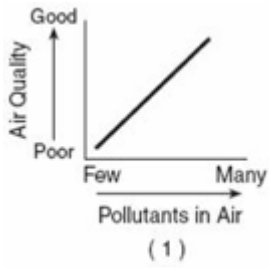
A Key to Identifying Birds		
Couplet	Description	
1a	Toes webbed	go to 2
1b	Toes not webbed	go to 3
2a	Four toes webbed together	cormorant
2b	Three toes webbed together	duck
3a	Claws curved	go to 4
3b	Claws not curved	jacana
4a	Claws large	eagle
4b	Claws small	kingfisher



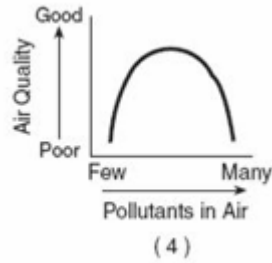
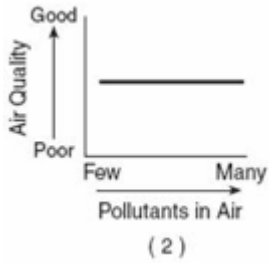
Bird B is correctly identified as (1 pt)

- A. a jacana
- B. a cormorant
- C. a duck
- D. an eagle

46. Which graph best represents the relationship between the amount of pollutants in the air and the quality of the air?

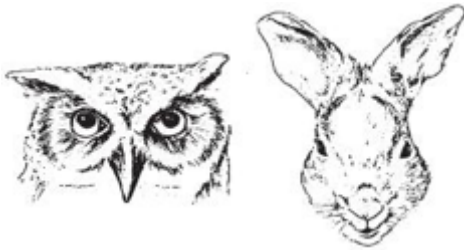


(1 pt)



- A. 3
- B. 1
- C. 4
- D. 2

47. The eyes of the owl and the rabbit shown in the diagram below give each animal a different advantage. The front-facing owl eyes allow the bird to accurately judge distance when swooping in on prey. The side-facing rabbit eyes allow the animal to detect the motion of possible predators.



The specialized eye types of these animals are examples of (1 pt)

- A. disruptions of the natural balance
- B. adaptations for survival under certain conditions
- C. the interdependence of living things
- D. involuntary responses to stimuli

48. The energy obtained from food is measured in units called (2 pts)

- A. pounds
- B. degrees
- C. calories
- D. watts

- Base your answers to the following questions on the information and table below and on your knowledge of science.

A farmer grows and sells flowering plants. The best-selling plants are the ones with the most blossoms. The farmer reads an advertisement for a plant food saying that it will make plants grow faster and taller. The farmer predicts that taller plants will have more blossoms and performs the following experiment to test this hypothesis.

Two groups of 10 plants each are grown in identical pots filled with equal amounts of identical soil. The amount of sunlight, the room temperature, and the amount of water are held constant for both groups. Group A is given plant food at regular intervals according to the instructions on the package. Group B is not given plant food.

The farmer observes the plants after 15 weeks of growth. The results are recorded below.

Data Table

Group	Received Plant Food	Average Height (cm)	Average Number of Blossoms
A	yes	35	18.1
B	no	28	18.2

State the farmer's original hypothesis.

(2 pts)

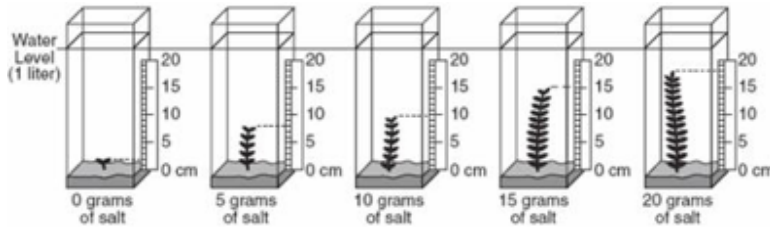
The taller the plant - the more blossoms.

- Based on the results of this experiment, is the farmer's original hypothesis correct? (2 pts)

No

- Base your answers to the following questions on the information and diagrams below.

Saltwater plants of the same species were grown in soil in separate containers with 1 liter of water. All of the plants were the same height at the beginning of the experiment. Different amounts of salt were dissolved in each container as shown in the diagrams. All other conditions were held constant. Measurements for the final height of each plant are provided.



Based on the information provided, determine the expected height of this same type of plant if it were grown in 1 liter of water with 2.5 grams of salt added.

(2 pts)

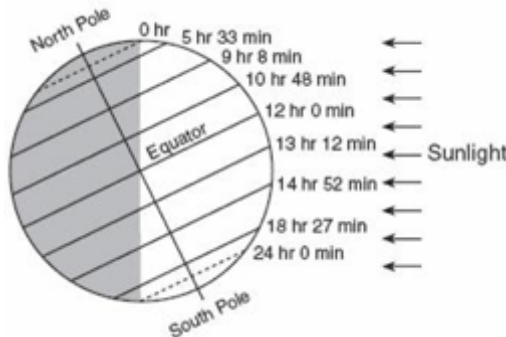
7.5/2 or 3.75 cm

- State *one* conclusion, based on the information provided, about the growth of this type of saltwater plant in water containing 0 to 20 grams of salt per liter.

(2 pts)

The greater the amount of salt, the higher the plant will grow.

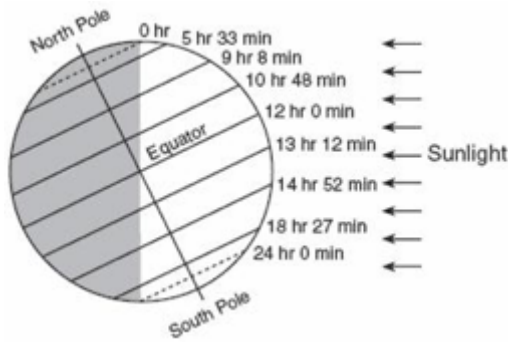
- Base your answers to the following questions on the diagram below, which shows Earth at one point in its orbit around the Sun. The length of daylight experienced at different latitudes on a given date is shown on the diagram.



Describe how the length of daylight changes from the Equator to the North Pole on the date shown. (2 pts)

The amount of sunlight decreases as you go from the equator to the north pole.

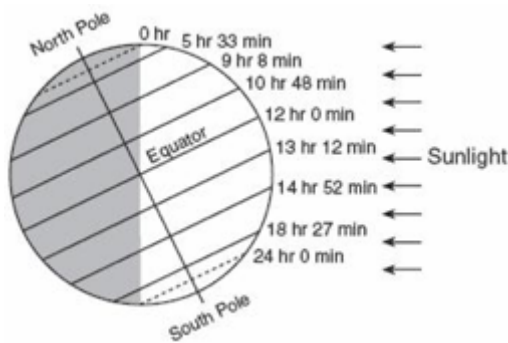
-



What season is beginning in the Northern Hemisphere? (2 pts)

Winter

7.



Explain why the South Pole receives 24 hours of daylight on the date shown. (2 pts)

It points towards the sun.

8. Base your answers to the following questions on the passage below and on your knowledge of science.

Sulfur dioxide and nitrogen dioxide are pollutants released into the atmosphere from the burning of fossil fuels. These pollutants combine with moisture in the air to form acid rain. A main source of these pollutants can be traced to power plants located in the midwestern United States. Due to weather patterns, the effects of acid rain have been most severe in the northeastern United States, including New York State.

The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Which *two* pollutants combine with water vapor in the air to produce acid rain? (2 pts)

Sulfur dioxide and nitrogen dioxide

9. Base your answers to the following questions on the passage below and on your knowledge of science.

Sulfur dioxide and nitrogen dioxide are pollutants released into the atmosphere from the burning of fossil fuels. These pollutants combine with moisture in the air to form acid rain. A main source of these pollutants can be traced to power plants located in the midwestern United States. Due to weather patterns, the effects of acid rain have been most severe in the northeastern United States, including New York State.

The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Describe how the prevailing winds play a role in the amount of acid rain that occurs in New York State. (2 pts)

10. Base your answers to the following questions on the passage below and on your knowledge of science.

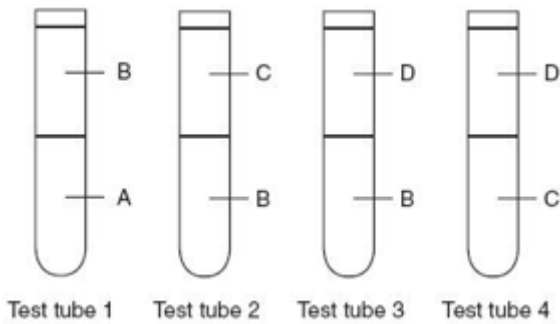
Sulfur dioxide and nitrogen dioxide are pollutants released into the atmosphere from the burning of fossil fuels. These pollutants combine with moisture in the air to form acid rain. A main source of these pollutants can be traced to power plants located in the midwestern United States. Due to weather patterns, the effects of acid rain have been most severe in the northeastern United States, including New York State.

The acid rain destroys the natural balance in lakes and streams and kills many species of fish. Acidic conditions affect not only lakes and forests, but also buildings and statues composed of limestone and marble. Other materials, such as metals, ceramics, glass, paints, and leather, are affected by acid rain.

Identify *one* action that could be taken to reduce the amount of acid rain. (2 pts)

11. Base your answers to the following questions on the information and diagram below.

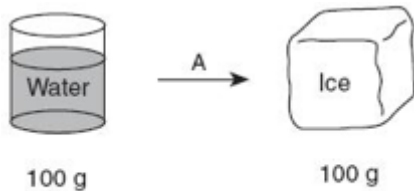
A student was given samples of four different liquids, *A*, *B*, *C*, and *D*. The student poured equal amounts of two different liquid samples into several test tubes. The results are shown in test tubes 1, 2, 3, and 4.



What physical property of the liquids causes them to separate into different layers when poured into the test tubes?
(1 pt)

Density

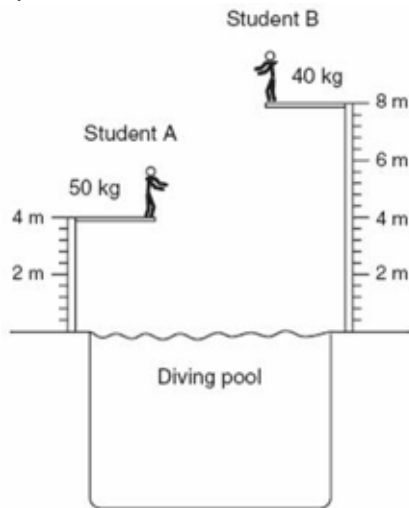
12. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram shows a phase change represented by letter A.



(Not drawn to scale)

State the term for the phase change that occurs at A and explain why the phase change at A is a physical change. (2 pts)

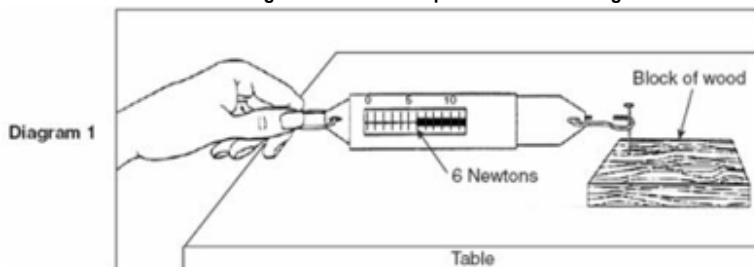
13. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram shows two students ready to dive into a pool.

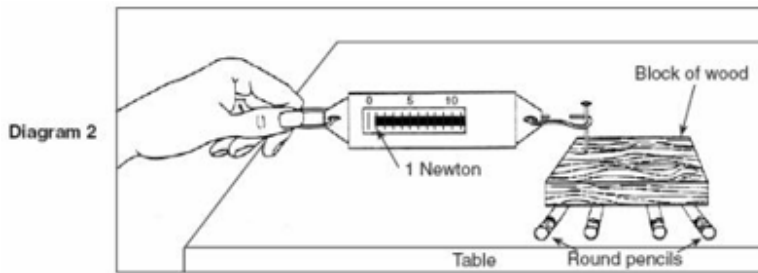


(Not drawn to scale)

Explain why student B has more potential energy than student A. (2 pts)

14. Base your answers to the following questions on diagram 1 and diagram 2 below and on your knowledge of science. The amount of force required to keep the same block of wood moving across the tabletop is shown in the diagrams.

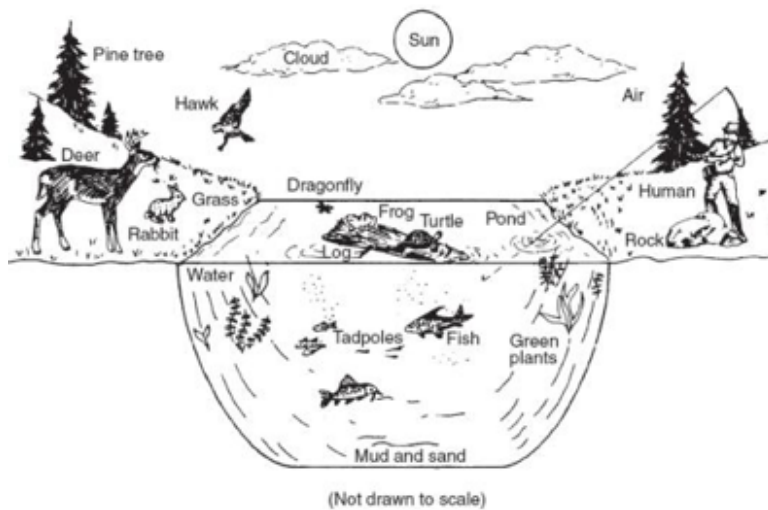




Which of the following is the name of the device in the diagrams used to measure force:

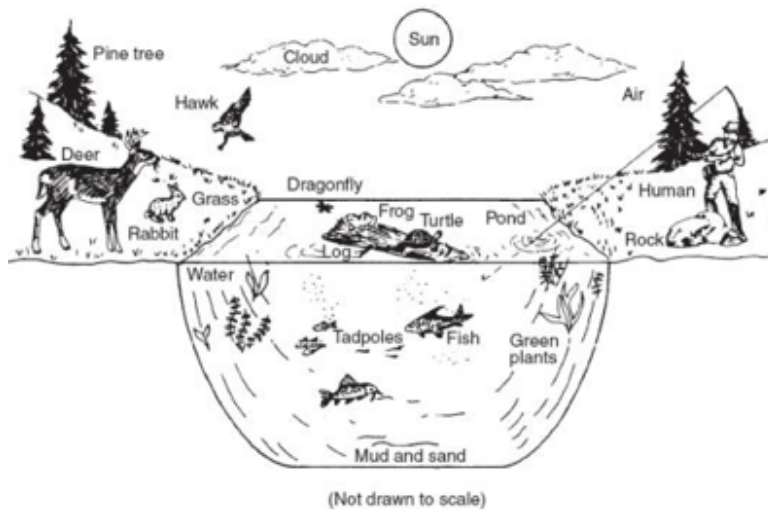
- voltmeter
- thermometer
- graduated cylinder
- spring scale (1 pt)
- spring scale**

15. What change could be made in the setup in diagram 1 to increase the amount of force necessary to move the block of wood? (2 pts)
16. Explain why the round pencils in diagram 2 decreases the amount of force necessary to move the block of wood. (2 pts)
17. Base your answers to the following questions on the woodland and pond ecosystems illustrated below. The members of these ecosystems interact with one another as well as with the nonliving environment.



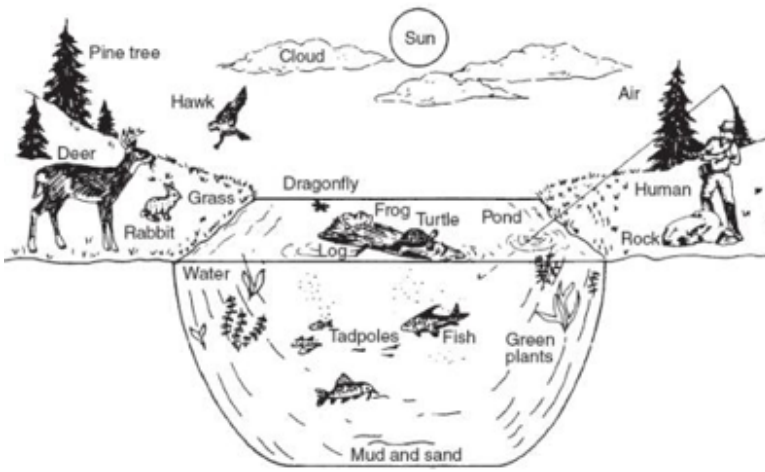
Identify one consumer shown in this ecosystem. (2 pts)

18.



Identify one producer shown in this ecosystem. (2 pts)

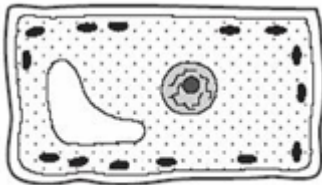
19.



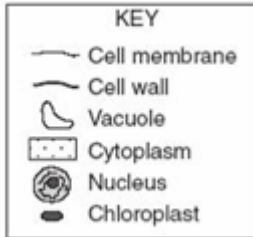
(Not drawn to scale)

What is the primary source of energy for this ecosystem? (2 pts)

20.

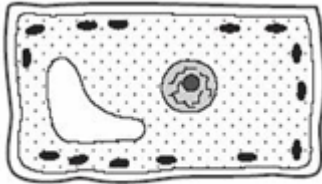


Plant cell

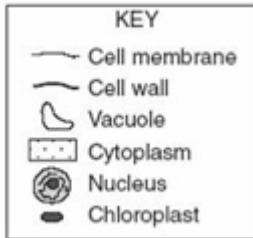


Which two structures are found in plant cells, but *not* in animal cells? (2 pts)

21.



Plant cell



Select *three* of the structures labeled in the diagram key. List these structures and state their function in the cell. (5 pts)

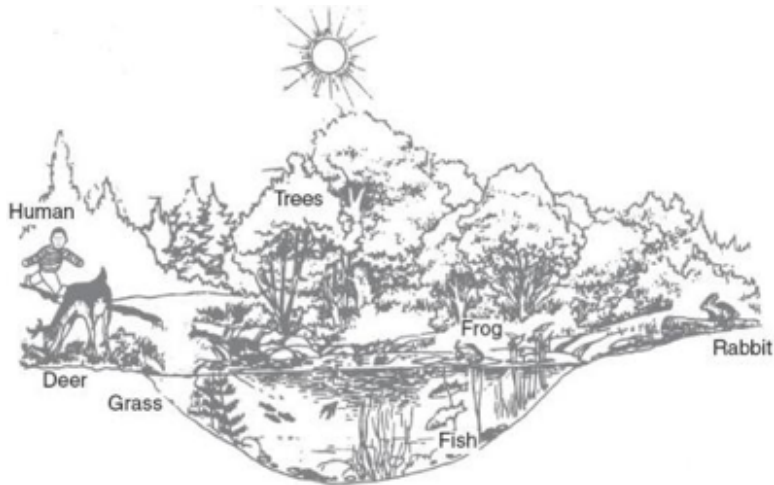
22. The diagram below shows two different-colored moths resting on a tree trunk.



How does this difference in pattern and color affect the moths' ability to survive in the environment? (4 pts)

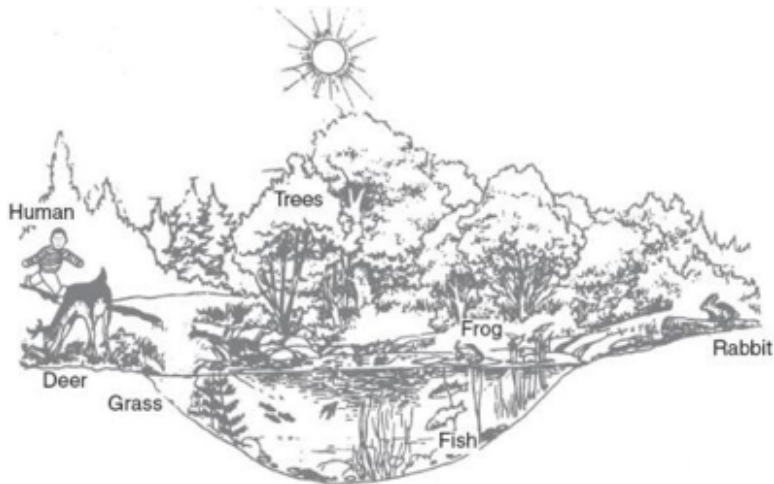
23. Base your answers to the following questions on the woodland and pond ecosystems illustrated below.

The members of these ecosystems interact with one another as well as with the nonliving environment.



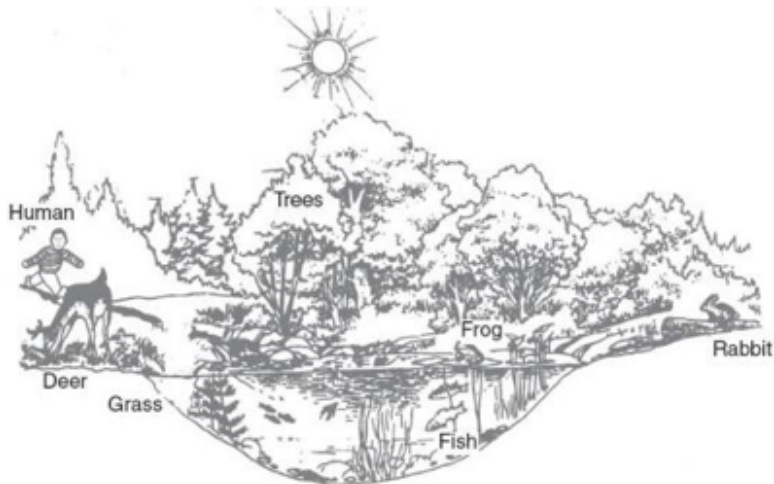
What is the main source of energy for these ecosystems? (2 pts)

24.



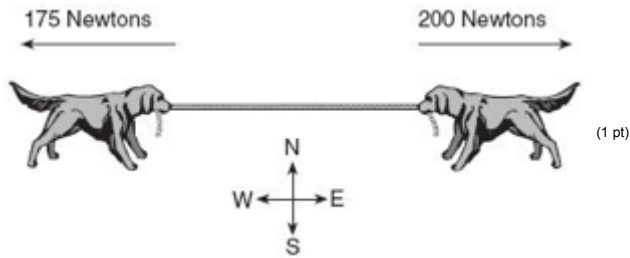
Identify a consumer in this ecosystem. (2 pts)

25.



Identify one organism in this ecosystem that produces chlorophyll. (2 pts)

 D 26. The diagram below shows two dogs pulling on a rope with constant but unequal forces. What is the net force?



- A. west
- B. south
- C. north
- D. east

C 27. Base your answers to the following questions on the map below and on your knowledge of science. The map shows the origin of a maritime tropical air mass. The arrows hows the general track of this air mass. New York State is labeled NY.



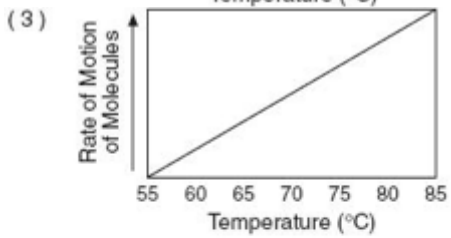
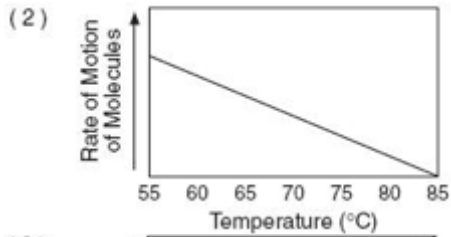
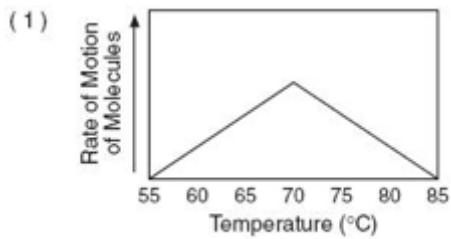
Which temperature and moisture conditions are associated with this air mass? (1 pt)

- A. cold and humid
- B. cold and dry
- C. warm and humid
- D. warm and dry

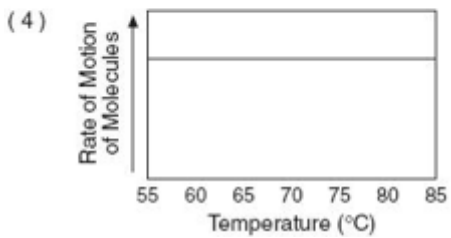
A 28. Which factor has the greatest influence on the direction of the air-mass track? (1 pt)

- A. upper air currents
- B. mountain barriers
- C. sea breezes
- D. ocean currents

A 29. Which graph correctly shows the effect of heat energy on the motion of molecules of matter?

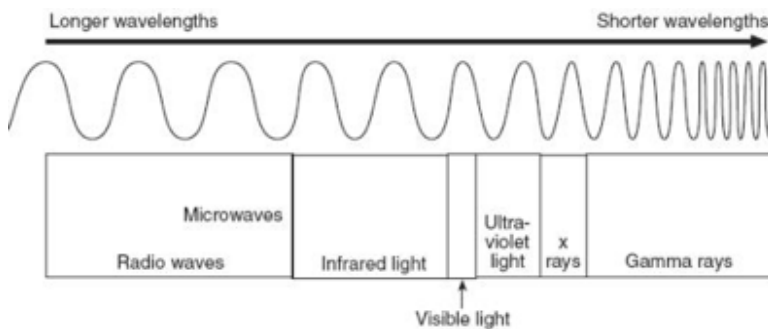


(1 pt)



- A. 3
- B. 4
- C. 2
- D. 1

A 30. The diagram below shows the relative wavelengths for several types of electromagnetic energy.



Which type of electromagnetic energy has a shorter wavelength than ultraviolet waves? (1 pt)

- A. x rays
- B. visible light
- C. infrared light
- D. microwaves

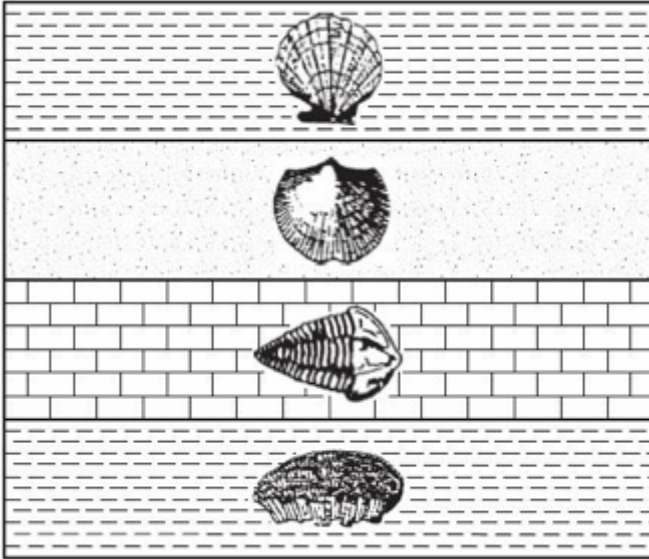
C 31. Which energy source is considered a *nonrenewable* resource? (1 pt)

- A. wind
- B. solar
- C. fossil fuels
- D. moving water

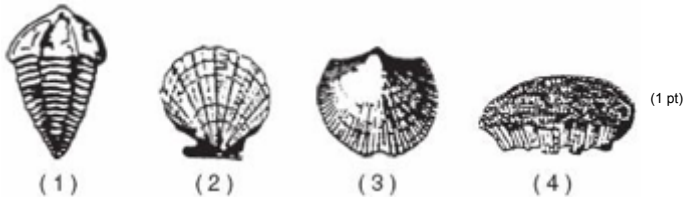
A 32. A television set changes electrical energy to sound and light energy. In this process, some energy is (1 pt)

- A. changed to heat
- B. changed to matter
- C. destroyed
- D. created

A 33. The cross section below shows sedimentary rock layers containing fossils.

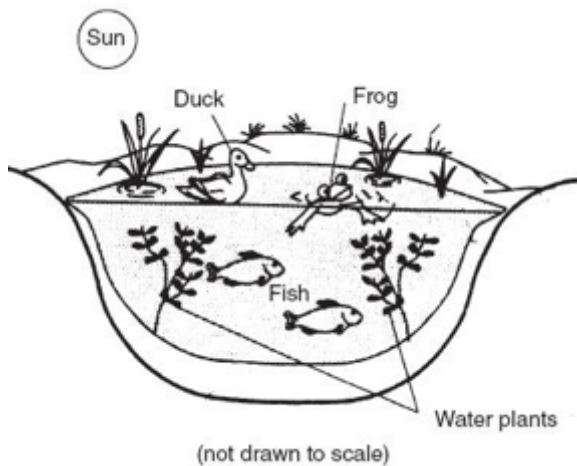


Assuming that these rock layers have not been overturned, which fossil is in the layer that was formed most recently?



- A. 2
- B. 4
- C. 1
- D. 3

B 34. Base your answers to the following questions on the diagram below and on your knowledge of science. The diagram represents a pond community containing a variety of plants and animals.

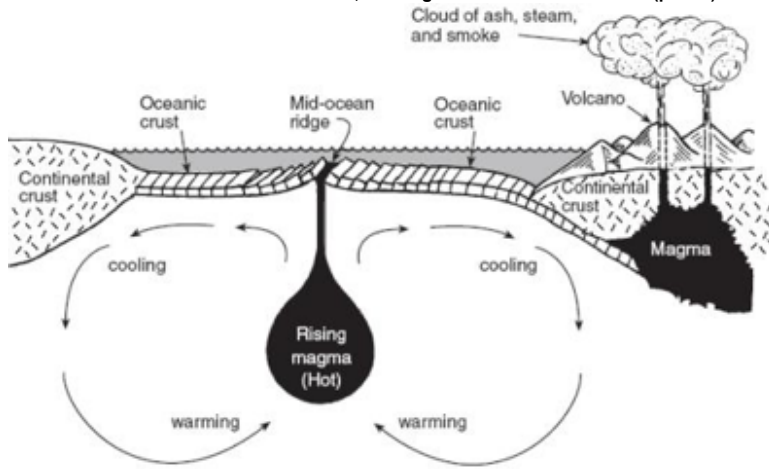


Why are the fish able to survive in the pond? (1 pt)

- A. The fish use carbon dioxide produced by the plants.
- B. The fish use oxygen produced by the plants.
- C. The plants use oxygen produced by the fish.
- D. The plants use chlorophyll produced by the fish.

35. The main source of energy for this pond community is the (1 pt)

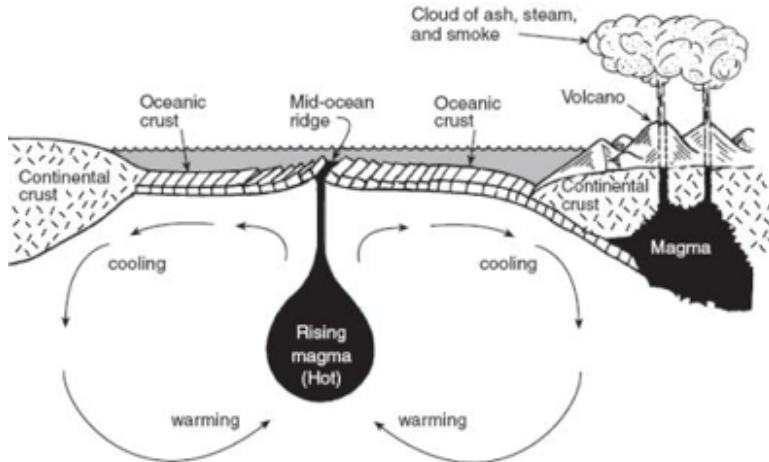
36. Base your answers to the following questions on the cross section below and on your knowledge of science. The cross section shows the heat flow and movement of some material within Earth, causing sections of Earth's crust (plates) to move.



(not drawn to scale)

How does the temperature of Earth's crust compare to the temperature of Earth's interior? (2 pts)

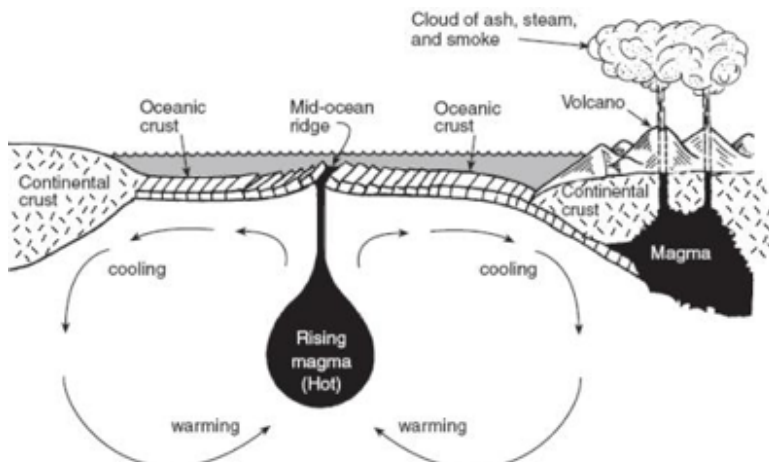
37. Name two geologic features or events that might result from the movement of crustal plates.



(2 pts)

(not drawn to scale)

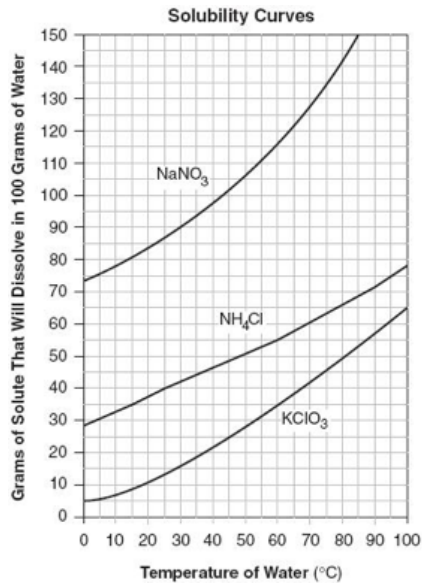
38.



(not drawn to scale)

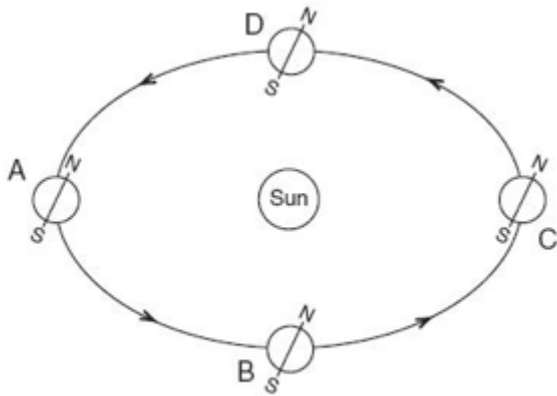
How does the thickness of Earth's oceanic crust compare to the thickness of the continental crust? (2 pts)

39. Base your answers to the following questions on the graph below and on the data table. The graph shows the amounts of three solid solutes that will dissolve in 100 grams of water at various temperatures.



Using the graphed data, describe the relationship between the temperature of the water and the amount of solute that will dissolve. "As the temperature of water increases..... (2 pts)

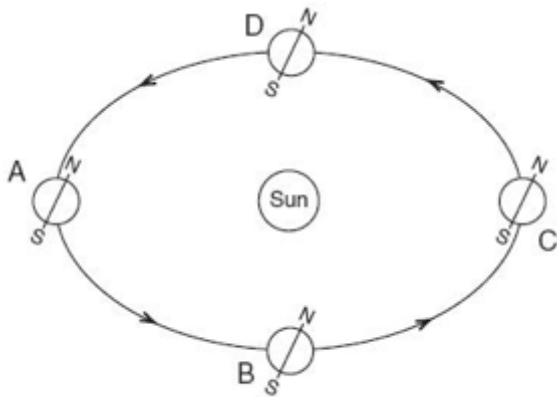
40. Base your answers to the following questions on the diagram below. The diagram shows Earth's revolution around the Sun as viewed from space. Positions A, B, C, and D represent the beginning of each season on Earth.



(not drawn to scale)

State one reason that Earth has seasons. (2 pts)

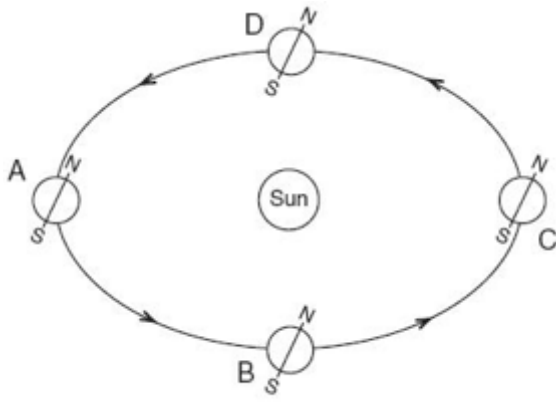
- 41.



(not drawn to scale)

If Earth were at position D, how much time would it take to return to position D? (2 pts)

- 42.



(not drawn to scale)

Which season begins in the Northern Hemisphere when Earth is at position A? (2 pts)

Summer

43. Base your answers to the following questions on the information below and on your knowledge of science.

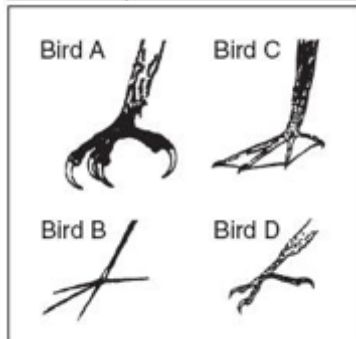
A company built a paper plant on 90 acres of land in a local community. The company employs 800 people and uses local timber to make the paper.

Describe a situation that might harm the environment as the company operates its paper plant. (2 pts)

44. Describe a way that the company might prevent this damage to the environment in the future. (2 pts)

A 45. Base your answers to the following questions on the drawings of bird feet and the dichotomous key below.

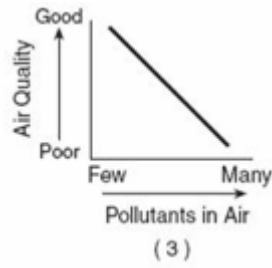
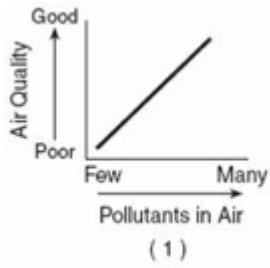
A Key to Identifying Birds		
Couplet	Description	
1a	Toes webbed	go to 2
1b	Toes not webbed	go to 3
2a	Four toes webbed together	cormorant
2b	Three toes webbed together	duck
3a	Claws curved	go to 4
3b	Claws not curved	jacana
4a	Claws large	eagle
4b	Claws small	kingfisher



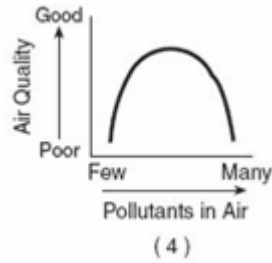
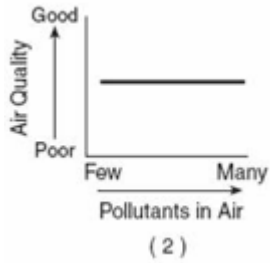
Bird B is correctly identified as (1 pt)

- A. a jacana
- B. a cormorant
- C. a duck
- D. an eagle

A 46. Which graph best represents the relationship between the amount of pollutants in the air and the quality of the air?

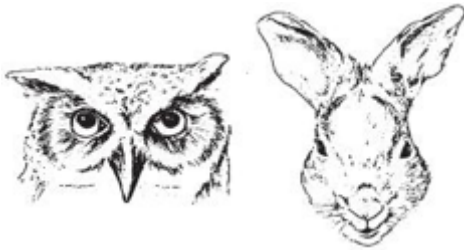


(1 pt)



- A. 3
- B. 1
- C. 4
- D. 2

B 47. The eyes of the owl and the rabbit shown in the diagram below give each animal a different advantage. The front-facing owl eyes allow the bird to accurately judge distance when swooping in on prey. The side-facing rabbit eyes allow the animal to detect the motion of possible predators.



The specialized eye types of these animals are examples of (1 pt)

- A. disruptions of the natural balance
- B. adaptations for survival under certain conditions
- C. the interdependence of living things
- D. involuntary responses to stimuli

C 48. The energy obtained from food is measured in units called (2 pts)

- A. pounds
- B. degrees
- C. calories
- D. watts