

Schoolyard Sounds

Directions: Circle the letter of the best answer for the following questions.

1. What sounds might be heard during the early morning hours in December or January?

- A. Crickets.
- B. Frogs.
- C. Birds.
- D. Mosquito.

2. What instrument could be used to record animal sounds?

- A. Camera.
- B. Cassette recorder.
- C. AudioMeter.
- D. Decibel.

3. What part of this experiment needs to be kept constant?

- A. The site where you investigate the sounds.
- B. The outside temperature.
- C. The amount of time you listen.
- D. The types of animals you hear.

4. What is the least number of days you must observe sounds to make your experiment reliable?

- A. 24 days.
- B. 3 days.
- C. 1 day.
- D. All experiments are reliable.

5. What is the best way to conduct an experiment with sound?

- A. It must be done exactly as the procedure is written.
- B. A survey is the most reliable experiment with sound.
- C. Sound experiment should be done in small groups only.
- D. The best way is to compare sounds by discussion groups

6. Which of the following would be a good hypothesis for the sound investigation?

- A. Sounds are all around us.
- B. There are more sounds made by animals in the morning.
- C. Over ten animal sounds can be heard every day.
- D. Animal sounds are difficult to distinguish.

7. What are outside factors that might influence sounds?
- A. Temperature.
 - B. Time of Day.
 - C. Human interaction.
 - D. All of the above.
8. What item was not used in your experiment?
- A. Chart paper.
 - B. Field guide to animals.
 - C. Binoculars.
 - D. Cassette recorder.
9. What item would not be considered part of the procedure?
- A. Sit quietly and listen to sounds.
 - B. Read books about birds.
 - C. Record the sound using a digital camera.
 - D. Enter the data you collected online.
10. What would be a major safety concern when conducting this investigation?
- A. Do not disturb the habitat of the animals.
 - B. Listen to all the sounds carefully.
 - C. Watch the sky for changes in the weather.
 - D. Record your data only with a colored marker.

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Answers

1. C
2. B
3. C
4. B
5. A
6. B
7. D
8. C
9. B
10. A