

1. Which is *most* responsible for the uneven heating of the air in the atmosphere?

A. radiation

B. convection

C. conduction

D. condensation

2. Which will *most likely* result from a low-pressure weather system?

A. warm temperatures

B. cloudy conditions

C. clear conditions

D. cool temperatures

3. Why do multicellular organisms need transport systems?

- A. Most have cells that are not able to exchange gases with the outside environment.
- B. Most have cells that are unable to grow and survive in their environment.
- C. Most have cells that need food from sources outside their environment.
- D. Most have cells that require more energy to survive than single-celled organisms.

4. Which is a function of the cardiovascular system?

- A. to move water throughout the body
- B. to provide structural support for the body
- C. to eliminate waste from the body
- D. to transport gases throughout the body

5. Which *best* describes the speed of a ball as it is thrown straight up into the air and comes back down?
- A. The ball goes up at a constant speed, stops, then comes down at a constant speed.
  - B. The ball goes up at a constant speed, stops, and increases speed as it comes down.
  - C. The ball goes slower and slower as it goes up, stops, and then goes faster and faster as it comes down.
  - D. The ball goes slower and slower as it goes up, stops, and then comes down at a constant speed.

6. A student notices that an inflated balloon gets larger when it is warmed by a lamp. Which *best* describes the mass of the balloon as a result of this change?
- A. The mass of the balloon increases because the size of the balloon has increased.
  - B. The mass of the balloon increases because the temperature of the balloon has increased.
  - C. The mass of the balloon stays the same because the gas inside the balloon still has the same mass after it warms up.
  - D. The mass of the balloon stays the same because warming decreases the mass enough to cancel out the effect of increasing the size.

7. Andy lives in the southern hemisphere. What season does he *most likely* experience in August?

A. spring

B. summer

C. winter

D. autumn

8. On a cold, cloudy day, the local weather forecaster predicts that a high-pressure system will be moving into the area in the next 24 hours. Which weather conditions will this system *most likely* bring to the area?

A. stormy

B. sunny

C. snowy

D. hot

9. Which statement *best* describes a bacterial cell?

A. It contains more than one cell.

B. It is a complete organism.

C. It is part of a larger organism.

D. It contains different kinds of cells.

10. Which characteristic do single-celled organisms and multicellular organisms have in common?

A. Both have cells with specialized functions for each life process.

B. Both perform all life processes within one cell.

C. Both have a way to get rid of waste materials.

D. Both are able to make food from sunlight.

11. What must occur before clouds can form?

- A. Water vapor must get warmer.
- B. Water vapor must lose heat energy.
- C. Precipitation must begin to fall and run off.
- D. Transpiration must add water vapor to the atmosphere.

12. Which process allows green plants to control the amount of water stored in their leaves?

- A. photosynthesis
- B. condensation
- C. respiration
- D. transpiration

13. The weather forecast indicates that a warm front will be moving into the area in the next 24 hours. Which type of weather will *most likely* result?

A. clear skies and cold temperatures

B. clear skies and hot temperatures

C. cloudy skies and rainy weather

D. heavy snow and ice

14. What is the cause of rising surface temperatures of the Pacific Ocean, drought in the western United States, and flooding on the Pacific coast of South America?

A. the Gulf Stream

B. the jet stream

C. La Niña

D. El Niño

15. What will *most likely* result when the jet stream moves south of North Carolina?

- A. North Carolina will experience tropical weather conditions.
- B. North Carolina will experience hot, dry weather.
- C. North Carolina will experience mild weather.
- D. North Carolina will experience cold weather.

16. A scientist is trying to decide whether an organism is unicellular or multicellular. Which information would help the scientist *most* to make her decision?

- A. size of the cells of the organism
- B. what the organism eats
- C. how many types of cells are in the organism
- D. how fast the organism grows

Most Common Wrong Questions 5th Grade Science EOG 05/05/2014

1.  
Answer: B
2.  
Answer: B
3.  
Answer: A
4.  
Answer: D
5.  
Answer: C
6.  
Answer: C
7.  
Answer: C
8.  
Answer: B
9.  
Answer: B
10.  
Answer: C
11.  
Answer: B
12.  
Answer: D
13.  
Answer: C
14.  
Answer: D
15.  
Answer: D
16.  
Answer: C