

**Biology**  
**Unit 3 Assessment**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

**UNDERLINE THE CORRECT ANSWERS**

1. How are the respiration and nutrition processes related?
  - a) Cell breathing is the process through which nutrition and respiration processes are related.
  - b) Cells require oxygen to turn glucose into ATP, besides CO<sub>2</sub> and water.
  - c) When introducing CO<sub>2</sub> into the body, energy is produced.
  - d) Respiration and nutrition help cell growth.
  
2. They are the organs that form the human respiratory system.
  - a) Nose or nasal cavity, lungs and trachea.
  - b) Nose or nasal cavity, pharynx, lungs and diaphragm.
  - c) Nose or nasal cavity, pharynx, larynx, trachea, bronchia, bronchiole, lungs, alveoli.
  - d) Nose or nasal cavity, pharynx, larynx, trachea, lungs, alveoli, diaphragm.
  
3. Respiration is:
  - a) The aerial via process to take oxygen into the lungs during inhalation, make the gases exchange and eliminate carbon dioxide in the organism through exhalation.
  - b) Oxygen delivery to cells.
  - c) Oxygen inhalation and carbon dioxide exhalation.
  
4. What is the name of the cells that transport oxygen in the human body?
  - a) White blood cells or lymphocytes.
  - b) Red blood cells or erythrocytes.
  - c) Osteocytes.
  - d) Plaques.
  
5. Insects breathe through some tubing system in their bodies called:
  - a) Lungs.
  - b) Tracheas.
  - c) Gills.
  - d) Stomata.
  
6. Aquatic animals, such as fish, breathe through:
  - a) Lungs.
  - b) Tracheas.
  - c) Gills.
  - d) Stomata.

7. Plants make a gas exchange through:

- a) Lungs.
- b) Tracheas.
- c) Gills.
- d) Stomata.

8. Write three effects of global warming:

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9. What is the name of the anatomic structure in the aerial via where voice is formed?

- a) Larynx.
- b) Pharynx.
- c) Trachea.
- d) Oesophagus.

10. Route of the oxygen in the blood stream for cells and CO<sub>2</sub> to reach the lungs:

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11. Which is the gas responsible for the greenhouse effect?

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12. Mention three activities that represent an action that may stop global warming by increasing the air quality?

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13. What is the process in which glucose is oxidized inside the mitochondria releasing energy?

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**Biology**  
**Unit 3 Assessment Answer Key**

1. **B**
2. **C**
3. **A**
4. **B**
5. **B**
6. **C**
7. **D**
8. **Weather change, poles melting, drought, floods**
5. **A**
6. **Internal respiration**
7. **Carbon dioxide**
8.
  1. **Use of fuel that is not paper, wood or coal to cook or heat up houses**
  2. **Reduce the number of running cars.**
  3. **Reforest.**
9. **Cell respiration.**