

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

### Respiration in Organisms

Q1. State True (T) or False (F).

- i. During heavy exercise the breathing rate of a person slows down. \_\_\_\_\_
- ii. Gills are well supplied with blood vessels for exchange of gases. \_\_\_\_\_
- iii. Plants carry out photosynthesis only during the day and respiration only at night. \_\_\_\_\_
- iv. Frogs breathe through their skins as well as their lungs. \_\_\_\_\_
- v. The fishes have lungs for respiration. \_\_\_\_\_
- vi. The size of the chest cavity increases during inhalation. \_\_\_\_\_

Q2. Fill in the blanks.

- i. In cockroaches, air enters the body through \_\_\_\_\_.
- ii. During heavy exercise, we get cramps in the legs due to the accumulation of \_\_\_\_\_.
- iii. Normal range of breathing rate per minute in an average adult person at rest is \_\_\_\_\_.
- iv. During exhalation, the ribs move \_\_\_\_\_.
- v. Breathing is a part of the process of \_\_\_\_\_.

Q3. What are some common uses of Yeast?

Ans. \_\_\_\_\_

Q4. Name an organism that can survive in the absence of air.

Ans. \_\_\_\_\_

Q5. How do earthworms breathe?

Ans. \_\_\_\_\_

## Respiration in Organisms

Q1. State True (T) or False (F).

- i. During heavy exercise the breathing rate of a person slows down. **False**
- ii. Gills are well supplied with blood vessels for exchange of gases. **True**
- iii. Plants carry out photosynthesis only during the day and respiration only at night. **False**
- iv. Frogs breathe through their skins as well as their lungs. **True**
- v. The fishes have lungs for respiration. **False**
- vi. The size of the chest cavity increases during inhalation. **True**

Q2. Fill in the blanks.

- i. In cockroaches, air enters the body through **spiracles**.
- ii. During heavy exercise, we get cramps in the legs due to the accumulation of **lactic acid**.
- iii. Normal range of breathing rate per minute in an average adult person at rest is **15ñ18**.
- iv. During exhalation, the ribs move **downwards**.
- v. Breathing is a part of the process of **respiration**.

Q3. What are some common uses of Yeast?

**Ans. Some common uses of Yeast are bread, wine and beer.**

Q4. Name an organism that can survive in the absence of air.

**Ans. Yeast can survive in the absence of air.**

Q5. How do earthworms breathe?

**Ans. Earthworms breathe through their skins.**