

ATI TEAS 7-BIOLOGY EXAMS

2023

1. How are carbohydrates used by the body? Choose ALL answers that apply.
 - structure
 - Communication
 - storage
 - Recognition
2. What type of immunity does a vaccine provide? Choose only ONE best answer.
 - naturally acquired passive immunity
 - Artificially acquired passive immunity
 - Naturally acquired active immunity
 - Artificially acquired active immunity
3. Which organs and/or glands are superior to the liver? Choose ALL answers that apply.
 - Lungs
 - Parathyroid gland
 - Kidneys
 - Thymus
4. Which cavity contains all of the frontal cavities? Choose only ONE best answer.
 - Dorsal
 - Thoracic
 - Abdominopelvic
 - Ventral
5. Which of the following carry oxygenated blood? Choose ALL answers that apply.
 - Pulmonary artery

- **Pulmonary vein**
- **Aorta**
- **Superior vena cava**

6. Which of the following are disaccharides? What do all of them have in common?

Sucrose

Glucose

Cellulose

Starch

Lactose

7. Which body systems are responsible for the transport of

dissolved oxygen to the lungs and the spleen?

- **Immunology**
- **Endocrine**
- **Respiratory**
- **Cardiovascular**

8. Which condition can lead to blood clots and stroke?
?

- Aneurysm
- **Arrhythmia**
- Asthma
- Hypertension

9. A botanist wants to determine if environmental temperature affects root growth. In her experiment, she creates 4 rooms at temperatures that vary by 5 degrees F. Each room gets 20 seedlings of the same species, which she grows on agar plates for 60 days. Once a day, she measures the length of each seedling's root. At the end of 60 days, she compares the length of the roots with the room temperature. She finds the room with the lowest temperature produced the longest roots. What is the independent variable in this study?

- **Temperature**
- Seedlings
- Light
- Root length

10. Which of the following can act as enzymes in the body?

- **Globular proteins**
- **Lipase**
- **Amylase**
- **Glucagon**

11. Which of the following is the carbohydrate monomer?