

## Anatomy and Physiology Quiz on Blood

**Red blood cells are responsible for carrying oxygen to body tissues.**

- a) True
- b) False

**Platelets play a crucial role in blood clotting.**

- a) True
- b) False

**Plasma is the cellular component of blood.**

- a) True
- b) False

**White blood cells are involved in the body's immune response.**

- a) True
- b) False

**Hemoglobin is a protein found in red blood cells that binds to oxygen.**

- a) True
- b) False

**Blood type is determined by the presence or absence of antigens on red blood cells.**

- a) True
- b) False

**Blood vessels that carry blood away from the heart are called veins.**

- a) True
- b) False

**Anemia is a condition characterized by a low platelet count.**

- a) True

b) False

**The four main blood types are A, B, AB, and O.**

a) True

b) False

**Blood pH is typically slightly alkaline, ranging from 7.35 to 7.45.**

a) True

b) False

**Answers:**

a) True

a) True

b) False

a) True

a) True

a) True

b) False

b) False

a) True

a) True