

# **Biology Quizzes with Answers**

## **Grade 6-8 (Middle School)**

1. What is the basic unit of life?

- A. Atom
- B. Cell
- C. Tissue
- D. Organ

Answer: B. Cell

2. Which part of a plant makes food?

- A. Root
- B. Stem
- C. Leaf
- D. Flower

Answer: C. Leaf

3. What gas do humans breathe in for respiration?

- A. Oxygen
- B. Nitrogen
- C. Carbon dioxide
- D. Hydrogen

Answer: A. Oxygen

4. Which organ helps us to pump blood?

- A. Brain
- B. Lungs
- C. Heart

D. Kidney

Answer: C. Heart

5. Which group includes only vertebrates?

A. Fish, Frog, Bird

B. Insects, Worms, Snails

C. Ants, Bees, Flies

D. Octopus, Crab, Jellyfish

Answer: A. Fish, Frog, Bird

## **Grade 9-10 (Junior Secondary)**

1. Which structure controls cell activities?

- A. Nucleus
- B. Cytoplasm
- C. Mitochondria
- D. Cell wall

Answer: A. Nucleus

2. Photosynthesis mainly takes place in?

- A. Roots
- B. Stem
- C. Chloroplasts
- D. Flowers

Answer: C. Chloroplasts

3. What is the function of red blood cells?

- A. Fight diseases
- B. Carry oxygen
- C. Clot blood
- D. Carry waste

Answer: B. Carry oxygen

4. Which process produces energy in cells?

- A. Photosynthesis
- B. Transpiration
- C. Respiration
- D. Digestion

Answer: C. Respiration

5. Which part of the brain controls balance?

A. Cerebrum

B. Cerebellum

C. Medulla

D. Hypothalamus

Answer: B. Cerebellum

## **Grade 11-12 (Senior Secondary)**

1. What is the main function of ribosomes?

- A. Energy production
- B. Protein synthesis
- C. Cell division
- D. DNA replication

Answer: B. Protein synthesis

2. What is the end product of anaerobic respiration in muscles?

- A. Oxygen
- B. Carbon dioxide
- C. Lactic acid
- D. Alcohol

Answer: C. Lactic acid

3. DNA replication occurs in which phase?

- A. Prophase
- B. Metaphase
- C. Interphase
- D. Telophase

Answer: C. Interphase

4. Which enzyme breaks down starch into sugar?

- A. Pepsin
- B. Lipase
- C. Amylase
- D. Trypsin

Answer: C. Amylase

5. Which structure in plants helps in gas exchange?

A. Xylem

B. Stomata

C. Phloem

D. Cuticle

Answer: B. Stomata