



Unit 1 – Introduction to Biology

Lesson 2 Quiz: Characteristics of Living Things

Question 1

Which feature is shared by all living organisms?

- A. They move constantly
- B. They perform photosynthesis
- C. They have a brain
- D. They are made of one or more cells
- E. They live on land

Question 2

What powers metabolism in living organisms?

A. Energy obtained and transformed

B. Gravity

C. Wind

D. Magnetism

E. Sound

Question 3

Growth differs from development because development:

- A. Only occurs in plants
- B. Stops after birth
- C. Requires sunlight
- D. Occurs without genes
- E. Changes form and function

Question 4

A change in the environment detected by an organism is called a:

- A. Mutation
- B. Nutrient
- C. Stimulus
- D. Tissue
- E. Habitat

Question 5

Homeostasis helps organisms:

- A. Change species
- B. Maintain stable internal conditions
- C. Grow leaves
- D. Produce oxygen
- E. Move faster

Question 6

Which process passes DNA to the next generation?

- A. Digestion
- B. Respiration
- C. Circulation
- D. Reproduction
- E. Excretion

Question 7

Why is fire not considered alive?

- A. It lacks the full coordinated characteristics of life
- B. It cannot spread
- C. It has cells
- D. It reproduces sexually
- E. It performs metabolism

Question 8

A human body is composed of:

- A. One giant cell
- B. Thousands of cells
- C. Only nerve cells
- D. Only muscle cells
- E. Trillions of specialized cells

Question 9

Plants convert light energy into:

- A. Heat only
- B. Sound
- C. Chemical energy
- D. Mechanical energy
- E. Electrical energy

Question 10

Scientists recognize life by:

- A. One single characteristic
- B. Considering all characteristics together
- C. Size
- D. Color
- E. Ability to move

Correct Answers

1. D 2. A 3. E 4. C 5. B 6. D 7. A 8. E 9. C 10. B