

## Studentsworksheets.com

### Topics Covered:

- Characteristics of Living Organisms
- Concept & Uses of Classification Systems
- Features of Organisms

/ Mark 20

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### 1. Which of the following is NOT a characteristic of living organisms?

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- A. Growth
  - B. Reproduction
  - C. Photosynthesis
  - D. Sensitivity
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### 2. What is the process by which organisms remove toxic waste products from their bodies?

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- A. Excretion
  - B. Respiration
  - C. Nutrition
  - D. Sensitivity
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### 3. Which of the following is the correct order of classification from largest to smallest?

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- A. Kingdom → Phylum → Class → Order → Family → Genus → Species
  - B. Species → Genus → Family → Order → Class → Phylum → Kingdom
  - C. Kingdom → Class → Phylum → Order → Family → Genus → Species
  - D. Phylum → Kingdom → Class → Order → Family → Genus → Species
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### 4. What is the binomial naming system?

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- A. A system that uses two names to classify organisms: genus and species
  - B. A system that uses three names to classify organisms: kingdom, genus, and species
  - C. A system that uses Latin names for all organisms
  - D. A system that uses common names for organisms
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**5. Which of the following is an example of a mammal?**

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- A. Frog
  - B. Platypus
  - C. Snake
  - D. Eagle
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**6. Which of the following is a characteristic of fungi?**

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- A. They have chloroplasts
  - B. They feed by photosynthesis
  - C. They have cell walls made of chitin
  - D. They are unicellular
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**7. What is the main reason for classifying living organisms?**

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- A. To make it easier to study them
  - B. To give them Latin names
  - C. To identify their habitats
  - D. To count the number of species
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**8. Which of the following is a characteristic of bacteria?**

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- A. They have a nucleus
  - B. They have mitochondria
  - C. They have no nucleus
  - D. They have chloroplasts
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**9. Which of the following is NOT a kingdom of living organisms?**

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- A. Animalia
  - B. Plantae
  - C. Fungi
  - D. Viruses
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**10. What is the role of DNA in classification?**

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- A. It helps to determine the color of organisms
  - B. It helps to determine the evolutionary relationships between organisms
  - C. It helps to identify the habitat of organisms
  - D. It helps to count the number of organisms
- 

**11. Which of the following is a characteristic of plants?**

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- A. They feed on organic substances
  - B. They have cell walls made of cellulose
  - C. They are unicellular
  - D. They do not photosynthesize
- 

**12. What is the correct way to write the scientific name for humans?**

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- A. Homo Sapiens
  - B. homo sapiens
  - C. Homo sapiens
  - D. Homo sapiens
- 

**13. Which of the following is a characteristic of viruses?**

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- A. They can reproduce on their own
  - B. They are made of cells
  - C. They need a host cell to reproduce
  - D. They have a nucleus
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**14. Which of the following is a characteristic of arthropods?**

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- A. They have a backbone
  - B. They have jointed legs
  - C. They have moist skin
  - D. They have feathers
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**15. Which of the following is a characteristic of birds?**

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- A. They have moist skin
  - B. They lay eggs with soft shells
  - C. They have feathers
  - D. They have gills
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**16. Which of the following is a characteristic of amphibians?**

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- A. They have dry, scaly skin
  - B. They lay eggs with hard shells
  - C. They have moist skin
  - D. They have feathers
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**17. Which of the following is a characteristic of reptiles?**

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- A. They have moist skin
  - B. They lay eggs with soft shells
  - C. They have dry, scaly skin
  - D. They have feathers
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**18. Which of the following is a characteristic of fish?**

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- A. They have lungs
  - B. They have gills
  - C. They have feathers
  - D. They have dry skin
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**19. Which of the following is a characteristic of monocotyledonous plants?**

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- A. They have two cotyledons
  - B. They have parallel leaf veins
  - C. They have a tap root system
  - D. They have broad leaves
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**20. Which of the following is a characteristic of dicotyledonous plants?**

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- A. They have one cotyledon
  - B. They have parallel leaf veins
  - C. They have a tap root system
  - D. They have strap-shaped leaves
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**Answers:**

**1. C**

**2. A**

**3. A**

**4. A**

**5. B**

**6. C**

**7. A**

**8. C**

**9. D**

**10. B**

**11. B**

**12. C**

**13. C**

**14. B**

**15. C**

**16. C**

**17. C**

**18. B**

**19. B**

**20. C**