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| Question: What is the term used to describe the process of categorizing things based on their similar characteristics? |
| a) Clustering |
| b) Grouping |
| c) Sorting |
| d) Categorization |
| Answer: b) Grouping |
| Explanation: The text states that categorizing things based on their similar characters is called grouping. |
| Question: How have scientists classified organisms? |
| a) On the basis of their color |
| b) On the basis of their size |
| c) On the basis of their similarities and differences |
| d) On the basis of their geographical location |
| Answer: c) On the basis of their similarities and differences |
| Explanation: The text mentions that scientists have classified organisms based on their similarities and differences. |
| Question: What is the purpose of classification? |
| a) To make organisms look different |
| b) To distinguish between different organisms |
| c) To create divisions based on geography |
| d) To make organisms evolve faster |
| Answer: b) To distinguish between different organisms |
| Explanation: The text states that classification helps us to distinguish between different organisms. |
| Question: Who divided the living world into two kingdoms - Plant and Animal? |
| a) Charles Darwin |
| b) Carl Linnaeus |
| c) Gregor Mendel |
| d) Thomas Edison |
| Answer: b) Carl Linnaeus |
| Explanation: The text mentions that Linnaeus divided the living world into two kingdoms - Plant and Animal. |
| Question: How many kingdoms did Whittaker classify living organisms into, based on different characters? |
| a) 2 |
| b) 3 |
| c) 4 |
| d) 5 |
| Answer: d) 5 |
| Explanation: The text states that Whittaker classified living organisms into 5 kingdoms based on different characters. |
| Question: What is the basis of categorizing organisms into different kingdoms according to Whittaker's classification? |
| a) Their color |
| b) Their size |
| c) Their nuclear membrane presence or absence |
| d) Their speed of movement |
| Answer: c) Their nuclear membrane presence or absence |
| Explanation: The text mentions that Whittaker's classification is based on the absence or presence of a nuclear membrane. |
| Question: In which kingdom do unicellular organisms belong? |
| a) Monera |
| b) Fungi |
| c) Plantae |
| d) Protista |
| Answer: a) Monera |
| Explanation: The text indicates that the organization of the body of living organisms is one of the criteria, and unicellular organisms belong to the Monera kingdom. |
| Question: What is the mechanism of nutrition for fungi? |
| a) Autotrophic |
| b) Heterotrophic |
| c) Mixotrophic |
| d) Saprotrophic |
| Answer: b) Heterotrophic |
| Explanation: The text states that Whittaker's classification is based on the mechanism of nutrition, and fungi are heterotrophic. |
| Question: Why is classification essential for the study of different organisms? |
| a) To make organisms look organized |
| b) To make the study more complicated |
| c) To make the study easier and systematic |
| d) To create a hierarchy of organisms |
| Answer: c) To make the study easier and systematic |
| Explanation: The text mentions that classification is essential for the study of different organisms easily, clearly, and systematically. |
| Question: How did Carolus Linnaeus propose to name organisms in the system of binomial nomenclature? |
| a) By using random words |
| b) By using their common names |
| c) By using two scientific names |
| d) By using two scientific names |
| Answer: d) By using genus and species names |
| Explanation: The text states that in the system of binomial nomenclature, the first word represents the genus, and the next word represents the species. |
| Question: Why is the basis of classification and its system bound to change over time? |
| a) Due to the continuous extinction of species and their evolution into new forms |
| b) Due to the decreasing complexity of living organisms |
| c) Due to the lack of scientific knowledge |
| d) Due to the limited number of species |
| Answer: a) Due to the continuous extinction of species and their evolution into new forms |
| Explanation: The text mentions that the basis of classification and its system can change because of the continuous extinction of species and their evolution into new forms. |
| Question: Which kingdom includes organisms like algae and moss? |
| a) Plantae |
| b) Protista |
| c) Monera |
| d) Animalia |
| Answer: a) Plantae |
| Explanation: The text does not explicitly mention the examples of organisms in each kingdom, but Plantae is known to include organisms like algae and moss. |
| Question: What is the classification system based on the presence or absence of a nuclear membrane called? |
| a) Binomial nomenclature |
| b) Eukaryotic and prokaryotic classification |
| c) Monera and Protista classification |
| d) Autotrophic and heterotrophic classification |
| Answer: b) Eukaryotic and prokaryotic classification |
| Explanation: The text states that Whittaker classified organisms based on the absence or presence of a nuclear membrane, which is a reference to eukaryotic and prokaryotic classification. |
| Question: What is the primary criterion for the classification of organisms into different classes based on increasing complexity of organization? |
| a) Size of the organism |
| b) Mechanism of nutrition |
| c) Similarity of body structure |
| d) Complexity of the organism's body organization |
| Answer: d) Complexity of the organism's body organization |
| Explanation: The text mentions that organisms are further categorized into different classes based on the increasing complexity of their body organization. |
| Question: In which kingdom do multicellular heterotrophic organisms belong? |
| a) Monera |
| b) Fungi |
| c) Plantae |
| d) Animalia |
| Answer: d) Animalia |
| Explanation: The text mentions that the organization of the body of living organisms is one of the criteria, and multicellular heterotrophic organisms belong to the Animalia kingdom. |
| Question: What did Carolus Linnaeus use as the basis for his classification system? |
| a) Mechanism of nutrition |
| b) Organization of body |
| c) Presence of a nuclear membrane |
| d) Similarities and differences |
| Answer: d) Similarities and differences |
| Explanation: The text does not explicitly mention Linnaeus's basis for classification, but it's widely known that he classified organisms based on their similarities and differences. |
| Question: What does Whittaker's classification system depend on? |
| a) The colors of organisms |
| b) The number of limbs in organisms |
| c) Different characteristic features of living organisms |
| d) The speed at which organisms move |
| Answer: c) Different characteristic features of living organisms |
| Explanation: The text mentions that the hierarchy of organizing the classes depends upon the different characteristic features of living organisms. |
| Question: How many words are used in binomial nomenclature to name an organism? |
| a) One |
| b) Two |
| c) Three |
| d) Four |
| Answer: b) Two |
| Explanation: The text states that Carolus Linnaeus proposed the system of binomial nomenclature in which the first word represents the genus and the next word represents the species. |
| Question: Which kingdom includes organisms like amoeba and paramecium? |
| a) Plantae |
| b) Protista |
| c) Monera |
| d) Animalia |
| Answer: b) Protista |
| Explanation: The text does not explicitly mention the examples of organisms in each kingdom, but Protista is known to include organisms like amoeba and paramecium. |
| Question: What is the mechanism of nutrition for plants? |
| a) Autotrophic |
| b) Heterotrophic |
| c) Mixotrophic |
| d) Parasitic |
| Answer: a) Autotrophic |
| Explanation: The text mentions that Whittaker's classification is based on the mechanism of nutrition, and plants are autotrophic. |
| Question: What was Linnaeus's contribution to classification? |
| a) He divided the living world into two kingdoms: Monera and Protista |
| b) He proposed the system of binomial nomenclature |
| c) He classified organisms based on their colors |
| d) He categorized organisms into five kingdoms based on their size |
| Answer: b) He proposed the system of binomial nomenclature |
| Explanation: The text mentions that Carolus Linnaeus proposed the system of binomial nomenclature. |
| In which kingdom do organisms like bacteria belong? |
| a) Plantae |
| b) Protista |
| c) Monera |
| d) Animalia |
| Answer: c) Monera |
| Explanation: The text does not explicitly mention the examples of organisms in each kingdom, but Monera is known to include organisms like bacteria. |
| What is the criterion used to categorize organisms into the Plantae kingdom? |
| a) Their ability to move |
| b) Their method of reproduction |
| c) Their mechanism of nutrition |
| d) Their cellular structure |
| Answer: c) Their mechanism of nutrition |
| Explanation: The text mentions that Whittaker's classification is based on the mechanism of nutrition, and Plantae organisms are autotrophic. |
| What does the hierarchy of organizing classes depend on? |
| a) The geographical distribution of organisms |
| b) The complexity of living organisms |
| c) The size of the organism |
| d) The number of limbs in the organism |
| Answer: b) The complexity of living organisms |
| Explanation: The text mentions that the hierarchy of organizing classes depends upon the different characteristic features of living organisms, including their complexity. |
| How many kingdoms did Linnaeus divide the living world into? |
| a) 2 |
| b) 3 |
| c) 4 |
| d) 5 |
| Answer: a) 2 |
| Explanation: The text explicitly states that Linnaeus divided the whole living world into two kingdoms: Plant and Animal. |
| In classification: |
| Identifying characters is not essential |
| Members of a class share maximum similarities |
| Members of a class do not have similarities |
| There is no basis |
| Ans:- b |
| A dicotyledonous plant is :- |
| Onion |
| Grass |
| Banana |
| Mustard |
| Ans:- d |
| A character not similar to birds and fishes is :- |
| Presence of body compartments |
| Egg laying |
| Presence of vertebrae |
| Presence of wings |
| Ans:- d |
| Such organisms in which notochord is found , they belong to which phylum:- |
| Chordata |
| Non chordata |
| Echinodermata |
| Mollusca |
| Ans:- a |
| Basic unit of classification is:- |
| Bacteria |
| Genes |
| Species |
| Cell |
| Ans:- c |
| Largest phylum of animal kingdom is:- |
| Arthropoda |
| Annelida |
| Mollusca |
| Porifera |
| Ans:- a |
| Asha obtained a plant, which had this plant can be:- |
| Maize |
| Gram |
| Wheat |
| Paddy |
| Ans:- b |
| Penicillium is :- |
| Fungus |
| Algae |
| Bryophyta |
| Slermatophyta |
| Ans:- a |
| Differntiated body, bilaterally symmetrical, segmented leg phylum is: |
| Porifera |
| Protozoa |
| Mollusca |
| Arthropoda |
| Ans:- d |

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| Question: What is the term used to describe the process of categorizing things based on their similar characteristics? |
| Question: How have scientists classified organisms? |
| Question: What is the purpose of classification? |
| Question: Who divided the living world into two kingdoms - Plant and Animal? |
| Question: How many kingdoms did Whittaker classify living organisms into, based on different characters? |
| Question: What is the basis of categorizing organisms into different kingdoms according to Whittaker's classification? |
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| Question: What did Carolus Linnaeus use as the basis for his classification system? |
| Question: What does Whittaker's classification system depend on? |
| Question: How many words are used in binomial nomenclature to name an organism? |
| Question: Which kingdom includes organisms like amoeba and paramecium? |
| Question: What is the mechanism of nutrition for plants? |
| Question: What was Linnaeus's contribution to classification? |