

Directions: Look through these questions. Do NOT try to write answers down yet. Instead, put stars by the questions you can't answer easily.

1.	Organisms are divided into three domains: bacteria, archaea, and eukarya. Which domains contain organisms that can reproduce through spores?	Eukarya								
2.	For half an hour, a student watches two different types of flowering bushes and counts the number of butterflies that come to feed on each bush. What would be the best way to show the data?	A bar graph								
3.	List the classification hierarchy from most inclusive (has the most organisms) to the least inclusive (has the fewest).	Domain, kingdom, phylum, class, order, family, genus, species								
4.	Fill in the blank: Organisms of the plant kingdom are multicellular, eukaryotic, and _____.	Autotrophic (can make their own food.								
5.	Describe members of the animal phylum <i>Arthropoda</i> and give some examples.	Arthropods have exoskeletons and jointed legs. Examples are insects, spiders, and crustaceans.								
6.	Species are categorized by their...	A. form of locomotion B. method and frequency of reproduction C. environment in which they are found <u>D. genetic and structural characteristics</u>								
7.	<table border="1" data-bbox="334 1146 756 1314"> <tr> <td>Order</td> <td>Testudines</td> </tr> <tr> <td>Family</td> <td>Emyridae</td> </tr> <tr> <td>Genus</td> <td>Terrapin</td> </tr> <tr> <td>Species</td> <td>Carolina</td> </tr> </table>	Order	Testudines	Family	Emyridae	Genus	Terrapin	Species	Carolina	<p>What is the correct scientific name of the organism in the chart?</p> <p><i>Terrapin carolina</i></p>
Order	Testudines									
Family	Emyridae									
Genus	Terrapin									
Species	Carolina									
8.	Organisms in this kingdom thrive in scalding hot water and don't require sunlight or oxygen.	<u>A. Archaeobacteria (Archaea)</u> B. Fungi C. Plantae D. Protista								
9.	Which factor determines if two individuals are members of the same species?	A. They live in the same habitat and niche. B. They forage and eat the same type of food. <u>C. They mate and produce fertile offspring.</u> D. They are similar in appearance and color.								
10	The scientific name for a giraffe is <i>Giraffa camelopardalis</i> . What two levels of classification does this name represent?	Genus (Giraffa) Species (Camelopardalis)								
11	What is common to all chordates?	A. digestive tract with two openings <u>B. dorsal hollow nerve tube</u> C. closed circulatory system D. bony internal skeleton								

12	A characteristic that causes ocean jellies to be classified into the phylum Cnidaria is the presence of	A. a muscular foot. B. stinging cells. C. spines. D. tentacles.
13	If two organisms are classified in different orders but are in the same class, which of these statements is true?	A. The organisms have the same genus. B. The organisms are in the same phylum. C. The organisms are in different kingdoms. D. The organisms are members of the same species.
14	List an example of a member of the animal phylum <i>Annelida</i> .	earthworm
15	Butterflies and grasshoppers are in this phylum.	A. arthropoda B. chordata C. mollusca D. echinodermata
16	Which characteristic indicates the plant is classified as a seedless vascular plant?	A. It is 18 cm tall. B. It produces spores. C. It grows in poor soil. D. It has a flat gametophyte.
17	Two organisms mate and produce offspring. Which of the following statements best explains why the offspring are unable to reproduce?	A. The parents are of a different genus and a different species. B. The parents are of a different species, but of the same genus. C. The parents are of the same genus and of the same species. D. The parents are of the same species, but of a different genus.
18	At which of taxonomic level would organisms have the least number of similarities?	A. kingdom B. class C. family D. genus
19	Which of these groups contain unicellular organisms?	A. birds B. plants C. fungus D. animals
20	An organism has cell walls and chloroplasts. To which kingdom does the organism belong?	plantae
21	List three examples of organisms in the kingdom <i>Protista</i> .	Amoeba, paramecium, euglena
22	Circle all that apply. Characteristics of Animals	Autotrophic Multicellular <u>Can move freely</u> <u>Has sensory cells or organs.</u>

23	List the kingdoms that belong to the domain Eukaryota.	Fungi, plantae, animalia, protista				
24	How are organisms classified as <i>Eukarya</i> different from organisms classified as <i>Archaea</i> and <i>Bacteria</i> ?	Eukaryotes have cells with nuclei				
25	<u>Write the name of the kingdom into each category that applies.</u>					
	Archaeobacteria (Archaea)		Eubacteria (Bacteria)		Protista	
	Fungi		Plantae		Animalia	
	Unicellular	Multicellular	Eukaryotic	Prokaryotic	Autotrophic	Heterotrophic
Archaeobacteria			Archaeobacteria	Archaeobacteria	Archaeobacteria	
Eubacteria			eubacteria	Eubacteria	Eubacteria	
Protista		Protista		Protista	Protista	
	Fungi	Fungi			Fungi	
	Plantae	Plantae		Plantae		
	Animalia	Animalia			Animalia	