

Microbiology Worksheet

- Complete each section by following the instructions provided. Please ask a tutor for assistance if needed.

Section 1: Fill in the blank using the appropriate taxonomy level from largest to smallest. Use the hint provided by paying close attention to the first letter in bold in order to learn it quicker!

Hint	Taxonomy Level (from Largest to Smallest)
Did	
King	
Phillip	
Come	
Over	
For	
Good	
Soup?	

Section 2: Fill in the blank with the appropriate prefix, suffix, or definition wherever it is needed.

Prefix/Suffix	Definition
halo-	
	<i>Pertaining to water</i>
-phile/-philic	
	<i>Hates or repels something</i>
pseudo-	
psychro-	
thermo-	
	<i>Has low amount of something</i>
hyper-	
	Has equal amounts of something
granulo-	
	Pertaining to a cell
myco-	
hemo-/hemato-	

Section 3: *Answer each question as accurately as you can.*

- What are the 3 domains?
- Which domain **has a nucleus**, and which **does not**?
- What is the term that describes **death of skin**?
- What is **normal human body temperature**? (Answer in both Celsius and Fahrenheit)

Section 4: Fill in the blank with the appropriate word using the word bank provided.



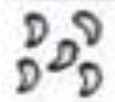



Epidemiology	Morphology	Facultative	Nosocomial Infection	Systemic
Disinfectant	Obligate	Pathogen	Antiseptic	Murein

1. _____ are microbes that are harmful or that can cause disease.
2. _____ is the study of shape.
3. _____ is an infection that was acquired in a hospital.
4. _____ is another word for peptidoglycan.
5. _____ usually means that something has spread throughout the whole body.
6. _____ is the study of tracking the origin of where a disease started in the world.
7. _____ is a cleaning method utilized in inanimate objects.
8. _____ is a cleaning method utilized in living tissue.
9. _____ means that it “*has to have*”.
10. _____ means that it is “*with or without*”.

Section 5: Match each term to its designated definition.

Terms	Definitions
Microbiota/Flora	<ul style="list-style-type: none"> • With growth of pathogens/organisms
Aseptic	<ul style="list-style-type: none"> • Area of biology that studies small living beings that are only able to be seen with magnification
Septic	<ul style="list-style-type: none"> • Study of Fungi
Microbiology	<ul style="list-style-type: none"> • Without growth of pathogens/organisms
Mycology	<ul style="list-style-type: none"> • Natural bacteria that is found on the human body

Section 6: Using the provided photo on the right, fill in the blank on the left with the correct name of the bacterial shape provided.

Shape Name	Photo of Shape
	
	
	
	
	
	

Section 7: Using the provided bacterial arrangement on the left, accurately draw a figure that represents it on the blank space provided.

Arrangement Name	Drawing of Arrangement
Single	
Diplo-	
Tetrads	
Staphylo-	
Strepto-	

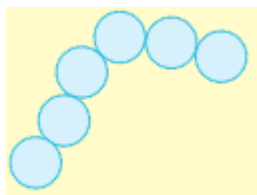
Section 8: Name each bacterium based on its arrangement and morphology.



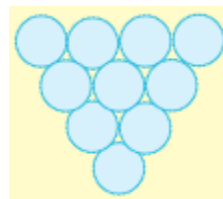
1. _____



2. _____



3. _____



4. _____



5. _____