**SBI3U Diversity of Living Things Review Sheet**

Use the following topics as a GUIDE to help you study for your Unit 1 Diversity of Living Things Test which will occur Wednesday, February 26th. Remember to go through your homework (or finish it for the first time) and use your notes as your **main source** of information (unless you were asked to summarize some pages of the textbook yourself). You may bring in your guided note from the Animalia Kingdom ONLY (do NOT write any material from other sections of the unit on it, or you will lose the ability to use these during the test). Your answers can be in point form-but ensure they are answering the question specifically, if I need to interpret your answer, I can NOT give you the mark(s).

Format **(roughly!)**: ~15Multiple choice Questions

~ 25 marks K/U short answer

~20 marks App short answer

Topics:

* Difference between the two different cell types (these are NOT plant & animal cells!!!!)
* Taxonomy: know the various taxons in order, and be able to compare organisms described using these taxons, how to write them properly
* Dichotomous key-purpose, practicality, issues with it
* Parts of the cell: structure & function
* Evolutionary relatedness (1.2), know the various types of evidence
* Types of diversity-and why it is important
* Endosymbiosis: what is it, what types of evidence support it (section 2.3)
* Virus: General characteristics and replication (lytic & lysogenic cycles)
* Kingdoms: number of
  + Bacteria: various forms of classification,
  + Archaea: types & their characteristics
  + Protista: the three general types and their characteristics
  + Fungi: general characteristics
  + Plant: general characteristics, general classification
  + Animalia: you get to bring these notes into the test, make sure they are finished!
* Climate Change & biodiversity (3.5)a

\*\*\* minor changes may still occur to the above-these will be announced in class\*\*\*

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