Bio 101
Final Examination

Name: How Not To Answer

1) What is natural selection?
Answer: I like to select food that tastes natural, for example apples and oranges has a natural taste!

2) Define acids, bases and pH
Answer: Acids burn, bases melt, and pH "EXPLODES!!!"

Differentiate between

3) hydrolysis and dehydration synthesis
Answer: Hydrolysis has lots of water and dehydration does not have much water.

4) chloroplasts and mitochondria
Answer: Chloroplasts is what you put on walls and mitochondria likes to crawl up walls.

5) glycolysis and Krebs cycle
Answer: Glycolysis likes to glide in the air and Krebs cycle like to ride his bicycle around the block!

6) grana and stroma
Answer: Grandma Stroma is a very old woman.

7) Klinefelters syndrome and Down's syndrome
Answer: Mr. Klinefelters is down with syndrome.

8) Monohybrid and dihybrid cross
Answer: Monohybrid crosses the dihybrid river with his sail boat.

9) transcription and translation
Answer: Transcription is the interpretation and translation is the answer of another language.

10) What is Central Dogma of biology?
Answer: A dog that is the center of attention in Kabi's Biology 101 class.

11) What are genetically modified organisms (GMOs)?
Answer: GMOs are organisms that are genetically modified.

12) What is Founder's effect?
Answer: A flounder is a fish that lives under water.

13) Explain the biological species concept
Answer: The concept is that all species are biological.

Differentiate between

14) Photoautotrophs and Photoheterotrophs

Answer: I like to take photographs of autotroph and Heterotrophs.

15) fungi and lichens

Answer: Fungi grows on wet surfaces and “lichun tastes good!”

16) polyp and medusa

Answer: Medusa has snakes for her hair and “Polly wants a cracker!”

17) photic and aphotic zone

Answer: Photic zones are different from aphotic zones.

18) population and community

Answer: A community is located in a population.

19) Opportunistic and equilibrial life histories

Answer: The written histories of opportunistic and equilibrial life.

20) source habitat and sink habitat

Answer: The source of a habitat that eventually sinks.

Explain the following:

21) Density independent factors

Answer: The factors of densities that are independent.

22) Competitive exclusion

Answer: Whoever wins the race.

23) biodiversity hot spots

Answer: The spots located on biodiversity that is hot.

24) green house effect

Answer: The ozone is evaporating and the plants are dying.

25) Energy pyramids

Answer: Pyramids that produce energy in Egypt.

26) food web

Answer: Food that is stuck on a spider’s web.

27) Cell theory

Answer: The theory that all living things are made up of cells.