Reproduction Lab Make-Up

Name: ________________________

Biology 1102

Section: __________

The following assignment replaces your quiz and homework grade (15 pts) for the Reproduction lab. You should first read through the Reproduction section of your lab manual to familiarize yourself with the terminology necessary for understanding this lab. You must then answer all of the questions found below. All responses must be typed in YOUR OWN WORDS and in COMPLETE SENTENCES (you should label drawings on this sheet).

There is also a Lab Make-up Essay component at the very end of this document that must also be completed.

Feel free to contact your TA’s if you have any questions about this assignment.

1. (1 pt) Define asexual and sexual reproduction and give two examples of organisms that undergo each type of reproduction.

2. (1 pt) For each organism listed below, match the method of reproduction used. Listed options may be used more than once.

   - mushroom
   - elephant
   - strawberry plant
   - yeast
   - slipper limpet
   - fern
   - cricket
   - earthworm
   - Hydra
   - rose

   a. gametes
   b. spores
   c. runners
   d. budding

3. (1 pt) Explain (in detail) what double fertilization is in plants.

4. (1 pt) Describe (in detail) the life cycle of a tapeworm.

5. (1 pt) Give the major function of each of the following structures: scrotum, epididymis, testis, prostate gland, seminal vesicle.

6. (1 pt) Give the major function of each of the following structures: ovary, oviduct (fallopian tube), endometrium, uterus, vagina.
7. (1 pt) Label the following structures on the diagram:

- testis
- epididymis
- vas deferens
- urethra
- prostate gland

8. (1 pt) Label the following structures on the diagram:

- ovary
- oviduct
- vagina
- uterus
- cervix
9. (1 pt) Describe the path of an egg in a human female, starting with the site of production and naming all the structures the egg passes through. Include a description of what happens if the egg is fertilized, as opposed to what happens to an unfertilized egg.

10. (1 pt) Using your lab manual briefly describe the following contraceptive methods, mentioning at least one advantage and one disadvantage for each, and rank them in order of their effectiveness (number 1 being the most effective): rhythm method, condom, the pill, diaphragm, and spermicides. You can find out how effective they are on numerous websites on the Internet. Include the citation for the resource (e.g., website) you used!

Make-up Assignment Essay: Reproduction

The following constitutes the essay portion of your lab make-up, with the topic provided below. Your essay will be worth up to 5 points. Basic guidelines for this essay are listed below.

**TOPIC:**

What are the 3 most common sexually transmitted diseases found on college campuses across America today? For each disease, provide a basic description of its symptoms and treatment options.

Guidelines for Writing the Lab Essays

_Please note:_ Your grade will be reduced if these guidelines are not followed.

1. Everything must be on one page only, single-sided, NO exceptions!
2. Must include your Name, Lab Section Number and the Title (the question or assigned topic) at the top.
3. 300-350 words, not including Name, Lab Section, Title or References.
4. Single-spaced
5. Typed
6. 12-point font size
7. Must use Times, Times New Roman, or Arial font style
8. Everything must be stated in your own words. Do not plagiarize!
9. Must include at least Two References Cited (only one of which can be Wikipedia).