Homework: Pregnancy & Development *1.1*

Biomedical Sciences 136

Name _____

Introduction

This assignment is worth **50 points** of the final course grade.

Procedure:

1. At a computer, open a web browser such as Internet Explorer and go to:

http://biosciweb.net/biosex

2. Find the **Click Here to View the Pregnancy & Development Homework Slides** button.

3. Click the button.

4. You should now be looking at a web page entitled "Pregnancy, Development, Birth And Infertility".

5. Click through the slides listed in the left column and answer the following questions.

- List the corpus (spongy tissues) are found in the penis?

- Which corpus tissue found in the penis is not found in the clitoris?

- In which portion of the female reproductive system do the sperm initially clot due to the action of fibrin?

- Briefly describe some changes that occur to sperm as they travel through the vagina.

- Briefly describe some changes that occur to sperm as they travel through the cervix.

- Briefly describe some changes that occur to sperm as they travel through the uterus.

- On average, of 100 conceived eggs, how many healthy babies will be born?

- Are monozygotic twins identical or fraternal?

- On about what day post-fertilization is implantation of the embryo complete?

- During what month of gestation does the heart start beating?

- By what month of gestation do the testes normally descend into the scrotum?

- During what month of gestation do the eyelids separate by apoptosis (programmed cell death)?

- What is a teratogen?

- List three different changes that occur in the mother during pregnancy?

- List three different potential maternal complications of pregnancy?

- What is placenta previa?

- What is an incompetent cervix?

- List three different hormones that stimulate the contractions of the uterus during labor/birth.

- On average, what percentage of babies are born on their due date?

- What are Braxton-Hicks contractions?

- List the three stages of Labor.

- Briefly describe how contractions of the uterus differ between the three major stages of Labor.

- List different three types of medications used to help alleviate pain during the labor process.

- What is a VBAC?

- List two different causes of male infertility.

- List two different treatments for male infertility.

- List two different causes of female infertility.

- List two different treatments for female infertility.