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Reproduction HW #1

<u>Directions</u>: Answer vocabulary on the ISN Page 89, and answer the questions on the space provided on this page. <u>Be prepared for a quiz next class on this material and the lecture and diagrams thus far.</u>

Vocabulary:

different outcomes between each process.

| Spermatogenesis | | Oligospermia | spermatids | Interstitial Cells | | |
|---|--|------------------------|------------------|--------------------|--|--|
| Azoospermia | | Bilateral Orchidectomy | cremaster muscle | | | |
| Sertoli Cells | | Vasovasostomy | spermatocyte | | | |
| 1. Meiosis is the process that generates male and female gametes. The final outcome of gametes is very different between males and females. Below, please verbalize the differences and | | | | | | |

2. The male reproductive system has 3 accessory organs, the <u>seminal vesicles</u>, <u>prostate gland</u>, and <u>bulbourethral gland</u>. Below, clarify how each of these accessory organs help in the support of sperm and reproduction in general.

similarities between spermatogenesis and oogenesis, then sketch a simple diagram that shows the

3. a) Physiologically speaking, what internal processes are actually happening during a male erection? b) Which structures/chemicals in both the brain and the penis are involved in the erection? c) Why is the term "boner" a misnomer?

4. a) What is priapism? b) What causes it? c) How is it treated? d) What on earth is a death erection?