BI 358 Active Learning Questions Lecture 11

1. Where are the adrenals/suprarenals located? What are the general parts and zones of the adrenals and what hormones do these areas produce?

2. In the female, where anatomically is the uterus relative to the bladder? Why might this precipitate frequent urination especially during the latter phases of pregnancy?

3. What are 1\textsuperscript{st} female hormones (classes of hormones)? Where are they produced? What are their target organs and tissues? What are their specific actions?

4. What separates the female sexual cycle into follicular and luteal phases? What hormone/s induce/s this distinct separation? How do theca and granulosa cells interact in the production of androgens and estrogens?

5. Out of an estimated 180 million sperm deposited during ejaculation, how many and what % make it to the ampulla, the optimal site of fertilization? How long does this sperm travel time take? How long can sperm survive in the female reproductive tract?