

Hand written answers only; use back of page or attach additional pages as necessary.

1. Draw and label the events of meiosis, comparing and contrasting gametogenesis for the male and female reproductive systems.

2. Draw and label the mature male gamete and give the function of ALL the various parts.

3. Draw and label the female gamete and give the function of the various parts.

4. Properly define the following terms:

a) Spermiogenesis

b) Fertilization

5. Give a different and unique function for the following:

Reproductive Structure	Unique and different Function
a) Prostate gland	
b) Mammary gland	
c) Seminal vesicle	
d) Bulbourethral gland	
e) Corpus luteum	
f) Granulosa cells	

6. Give the function of the following hormones and their targets:

Hormone	Target Tissue (specific site)	Function @ target tissue
LH		
FSH		
Estrogen		
Testosterone		
Progesterone		
GnRH		

7. Relate the ovarian cycle to the uterine cycle with regards to events and hormones involved

8. Fill in the following chart for Male Reproduction

Structure	Unique Function	Unique Problem
testes		
epididymis		
Glans penis		
Vas (ductus) deferens		
Spermatic cord		
Scrotum		

9. Fill in the following chart for Female Reproduction

Structure	Unique Function	Unique Problem
Ovary		
Uterus		
Vagina		
Vulva		
Fallopian tube		
Bartholin glands		

10. What structure creates the blood-testes barrier and why is it important?

11. Name four secondary sex characteristics for the male and female.