The worksheet below is adapted from
A. Fundamentals of Anatomy and Physiology (9th Ed) by Martinin at al
B. Human Anatomy and Physiology Lab Manual (9th Ed) by Marieb and Mitchell

The Urinary System

1. The role of the urinary system is to ____________________________________________

__________________________________________

Name parts of the urinary system,
2-6:
2. ______________________
3. ______________________
4. ______________________
5. ______________________
6. ______________________
2. Fill in the blanks for the diagram below (bladder):

3. Discuss the role and location of the bladder ______________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

4. Briefly describe the function and regulation of the detrusor muscle ________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

5. Briefly describe the function and regulation of the internal and external sphincters
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

6. When the sphincters malfunction what type of problem would you expect to observe?
The Male GU system

7. The role of the male genitals is to __________________________________________________

8. Fill in the blanks:
Reproductive organs of the human male (sagittal view)
9. Sagittal section of the human testis
Fill in the blanks:

10. List the 2 major functions of the testes ____________________________________________
___________________________________________
__________________________________________

11. What is the functional significance of the scrotum? __________________________________
______________________________________________________________________________
___________________________________________

12. What role does the epididymis play ______________________________________________
______________________________________________________________________________
___________________________________________

13. Place the structures labeled in questions 8 & 9 in the correct order in terms of the pathway sperm takes from testes to urethra
14. Name the accessory glands and state their role in production of semen.
   a. __________________________________________________________________________

   __________________________________________________________________________

   b. __________________________________________________________________________

   __________________________________________________________________________

   c. __________________________________________________________________________

   __________________________________________________________________________

15. Name a disease associated with the male GU system.
The Female GU system

16. The role of the female genitals is to __________________________________________

____________________________________________________________

____________________________________________________________

17. Fill in the blanks:
Reproductive organs of the female male (sagittal view)
18. Fill in the blanks:
Frontal section of a portion of the female reproductive system

19. Briefly describe the function of the following structures:
   a. Vagina ____________________________________________
   b. Ovary___________________________________________
   c. Fimbriae________________________________________
   d. Fallopian tubes____________________________________
   e. Uterus____________________________________________
   f. Ligaments_________________________________________
20. Name and briefly describe the 3 stages of the menstrual cycle:
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

21. The menstrual cycle is hormonally controlled by 2 hormones called _____________________ and ____________________.

22. What is ovulation and how is it regulated? ____________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

23. In what region of the female reproductive system does fertilization normally occur?
_________________________________________________________________________________

24. What is an ectopic pregnancy? ______________________________________________________
_________________________________________________________________________________

25. Name a disease associated with the female reproductive system.