1. Base your answer(s) to the following question(s) on the diagram below and on your knowledge of biology.

Which structure is part of both the reproductive and excretory systems?

A. E  B. B  C. C  D. D

2. Which letter indicates the normal site of most prenatal development?

A. A  B. E  C. C  D. D

3. The process shown at C normally occurs in the

A. ovary  B. uterus  C. vagina  D. oviduct
4. In which structure does implantation of the embryo normally occur?

A. E  B. F  C. G  D. H

5. In which structures does the process of meiosis occur?

A. A and F  B. B and H  C. C and E  D. D and G

6. Shown is a diagram of the human male reproductive system. A temperature 2 to 4 degrees lower than normal body temperature is critical for the production of sperm. This temperature is maintained by structure.

A. 1  B. 5  C. 8  D. 4

7. Shown is a diagram of some anatomical organs of a human female.

Some female sex hormones are produced and secreted by the structure represented by

A. Z  B. X  C. W  D. V

8. Sperm cells are normally deposited in the structure represented by

A. Z  B. Y  C. X  D. V

9. During pregnancy an embryo will normally develop in the structure represented by

A. Z  B. X  C. V  D. W
10. Which letter indicates the structure that produces the hormones estrogen and progesterone? 

A. A  
B. B  
C. C  
D. D

11. Fertilization normally takes place in the structure represented by

A. E  
B. F  
C. C  
D. G

12. Menstruation involves the periodic shedding of the lining of the organ labeled

A. A  
B. G  
C. C  
D. H

13. Which structure provides a cooler environment for sperm production?

A. A  
B. B  
C. C  
D. D

14. For each phrase shown, select the part of the human female reproductive system, indicated in the diagram shown, that is best described by the phrase.

Structure whose lining is shed during menstruation

A. 1  
B. 2  
C. 3  
D. 5

15. For each phrase shown, select the part of the human female reproductive system, indicated in the diagram shown, that is best described by the phrase.

Region where cervical cancer may occur.

A. 1  
B. 2  
C. 3  
D. 4

16. The graph shows the different concentrations of female reproductive hormones during the menstrual cycle of humans.

Answer the following question(s) based on the graph shown and on your knowledge of biology. Which event normally occurs at A?

A. ovulation  
B. embryo implantation  
C. differentiation  
D. follicle formation
17. Shown is a diagram of the human male reproductive system. Glands 4 and 6 function in the

A. storage of sperm cells
B. deamination of nitrogenous wastes
C. production of fluids for the transport of sperm
D. transport of urine to the urinary bladder

18. Shown is a diagram of the human male reproductive system. The secondary sex characteristics of the male are controlled by hormones produced by structure

A. 7  B. 2  C. 3  D. 6

19. Shown is a diagram which represents a human embryo developing in the uterus. Structure 3 represents the

A. membrane that protects the embryo from mechanical shock
B. site of exchange of materials between the mother and the fetus
C. site where the female gametes undergo meiosis during maturation
D. structure that stores yolk for the developing fetus

20. Base your answer(s) to the following question(s) on the diagram below and on your knowledge of biology.

Which structure produces a hormone that is responsible for such characteristics as body hair, muscle development, and a deep voice?

A. A  B. B  C. C  D. D
1. Answer: B
2. Answer: C
3. Answer: B
4. Answer: B
5. Answer: D
6. Answer: A
7. Answer: D
8. Answer: A
9. Answer: D
10. Answer: A
11. Answer: B
12. Answer: B
13. Answer: D
14. Answer: C
15. Answer: D
16. Answer: A
17. Answer: C
18. Answer: B
19. Answer: B
20. Answer: D