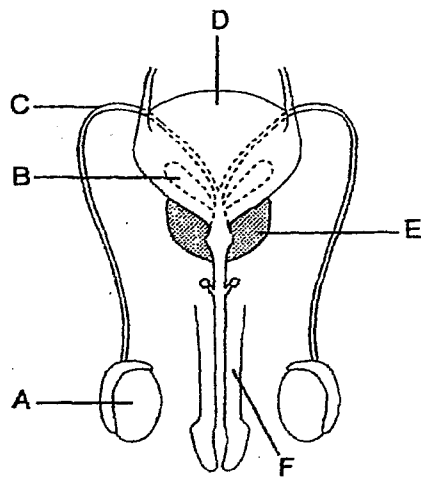
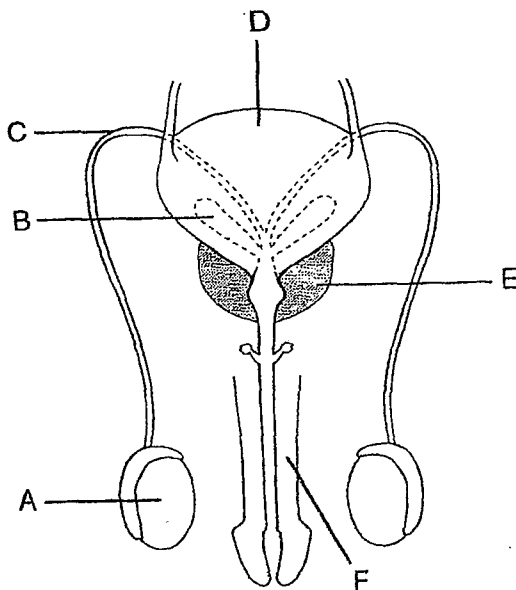


1. Base your answer to the following question on the diagram below.



Structures *B* and *E* provide nutrients and fluid for the gametes. Why are these substances necessary for fertilization?

Base your answers to questions 2 through 4 on the diagram below, the cartoon below, and your knowledge of biology.



"Well, Mr. Rosenberg, your lab results look pretty good—although I might suggest your testosterone level is a tad high."

(adapted)

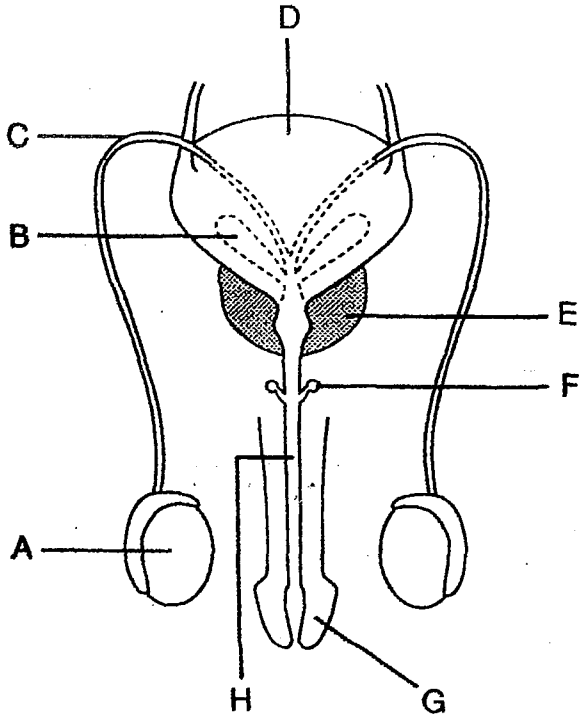
2. Mr. Rosenberg appears to have a problem with secretions produced by which structure in the diagram above?

- (1) *A* (2) *B* (3) *E* (4) *D*

3. Structure *A* is considered part of both the reproductive system and the

- (1) circulatory system (2) excretory system (3) digestive system (4) endocrine system

Base your answers to questions 4 through 6 on the diagram below of the male reproductive system and on your knowledge of biology.



Which structures are glands that secrete a liquid for the transport of sperm?

- (1) A and D (3) C and H
 (2) B and E (4) F and G

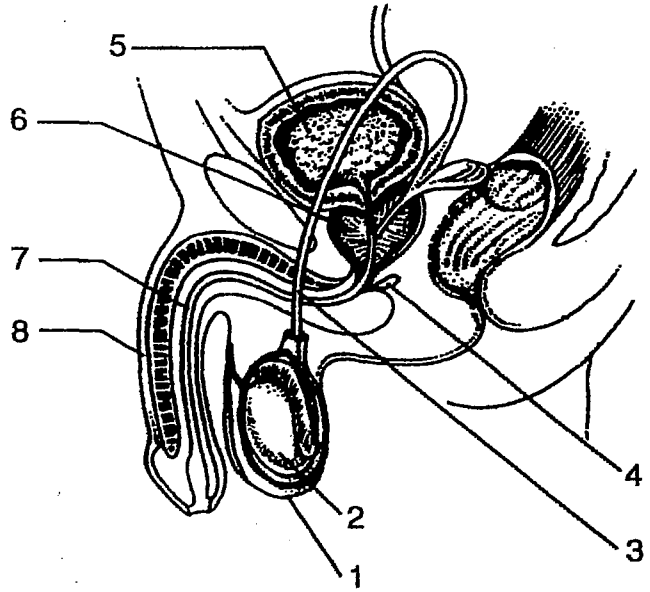
5. A male sex hormone is produced within structure

- (1) A (3) E
 (2) B (4) F

6. Male gametes are produced within structure

- (1) A (3) F
 (2) B (4) D

Base your answers to questions 7 and 8 on the diagram below of the human male reproductive system and on your knowledge of biology.



The secondary sex characteristics of the male are

7. controlled by hormones produced by structure

- (1) 7 (3) 3
 (2) 2 (4) 6

8. A temperature 2 to 4 degrees lower than normal body temperature is critical for the production of sperm. This temperature is maintained by structure

- (1) 1 (3) 8
 (2) 5 (4) 4