14. Rapid communication throughout the body is accomplished by
   a. neurons. b. blood. c. hormones. d. muscles. e. connective tissue.

15. The external covering of the body is produced by
   a. the ectoderm. b. the endoderm. c. the mesoderm. d. the ectoderm and mesoderm. e. all of the
   germ layers.

16. The lining of the gut and the stomach, liver, and pancreas are produced by
   a. the ectoderm. b. the endoderm. c. the mesoderm. d. two of the germ layers. e. all of the germ
   layers.

17. The maintenance of the volume and composition of body fluids is the direct responsibility of which system?
   a. integumentary b. immune c. digestive d. urinary e. circulatory

18. Which system is involved with heat production?
   a. endocrine system b. nervous system c. muscular system d. respiratory system e. skeletal system

19. Four of the five answers listed below are parts of the digestive system. Select the exception.
   a. mouth b. gall bladder c. pancreas d. lungs e. large intestine

20. Four of the five answers listed below are sites where cartilage is found. Select the exception.
   a. embryonic skeleton b. vertebral discs c. external ear d. end of long bones in skeleton e. the
   connection of one bone with another