**Quiz 7:** Male and Female Reproductive System; Review of Respiratory and Digestive Systems

1) The organs that produce male gametes are called \_\_\_\_\_\_\_\_\_\_\_\_.

2) Which of the following does not contribute to the production of seminal fluid?

a. seminal vesicles

b. ejaculatory duct

c. prostate gland

d. bulbourethral (Cowper's) gland

3) The process of sperm production is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4) The ductus epididymis, ductus deferens (vas deferens), ejaculatory duct and urethra all play a part in transporting \_\_\_\_\_\_\_\_\_\_\_\_\_\_ throughout the male reproductive tract.

5) Female gametes are produced in \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6) The union of the ovum and sperm produces a \_\_\_\_\_\_\_\_\_\_\_.

7) Oogenesis, the development of the ovum, occurs in the ovarian \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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REVIEW: (EXERCISES 6, 7, 8)

\*8) The alveoli are sites of \_\_\_\_\_\_\_\_\_\_\_\_ exchange.

\*9) What is the specific role of the cilia and goblet cells in the functioning of the tracheal epithelium?

**\***10) Please refer to the image projected at the front of the class to answer the following two questions:

a. What is the structure labeled with a RED line?

b. What is the structure labeled with a BLUE line?

\*11) Please refer to the image projected at the front of the class to answer the following question:

Within the *ciliated columnar epithelium* shown, what is the name of the cells labeled with black lines?

12) Deep hyperventilation can result in an INCREASE/DECREASE (choose one) in plasma CO2 levels, which will ultimately DELAY/EXPEDITE (choose one) a gasp reflex.

13) During *inhalation,* the diaphram CONTRACTS/RELAXES (choose one) to cause an INCREASE/DECREASE (choose one) in the volume of the thoracic cavity.

14) Within what organ would one find a *portal triad?*

15) Please refer to the image projected at the front of the class and identify the layers:

**A.**  **B.**