

Chapter – 2 | Human Reproduction

QUIZ PART-01

1. The male reproductive system is located in which region of the human body?
- A. Thoracic region
 - B. Pelvic region
 - C. Abdominal region
 - D. Cranial region
- (B)

Explanation : The male reproductive system is located in the pelvic region and consists of testes, accessory ducts, glands, and external genitalia.

2. The testes are located outside the abdominal cavity because:
- A. They help in urine formation
 - B. They produce hormones only
 - C. They require a lower temperature for spermatogenesis
 - D. They store seminal plasma
- (C)

Explanation : The scrotum keeps the testes at a temperature about 2–2.5°C lower than body temperature, which is essential for sperm formation.

3. Each testis contains approximately how many compartments called testicular lobules?
- A. 50
 - B. 100
 - C. 250
 - D. 500
- (C)

Explanation : Each testis is divided into about 250 testicular lobules, and each lobule contains seminiferous tubules.

4. The seminiferous tubules are present inside the:
- A. Epididymis
 - B. Testicular lobules
 - C. Prostate gland
 - D. Seminal vesicles
- (B)

Explanation : Each testicular lobule contains one to three highly coiled seminiferous tubules where sperm formation occurs.

5. Which cells provide nourishment to male germ cells?
- A. Leydig cells
 - B. Spermatogonia
 - C. Sertoli cells
 - D. Epididymal cells
- (C)

Explanation : Sertoli cells are present inside seminiferous tubules and provide nourishment to developing male germ cells.

6. Leydig cells are responsible for the synthesis and secretion of:
- A. Estrogen
 - B. Progesterone
 - C. Androgens
 - D. Oxytocin
- (C)

Explanation : Leydig cells present in the interstitial tissue of testes synthesize and secrete androgen hormones.

7. Which of the following is NOT a part of male accessory glands?
- A. Seminal vesicles
 - B. Prostate gland
 - C. Bulbourethral glands
 - D. Testis
- (D)

Explanation : Male accessory glands include a pair of seminal vesicles, prostate gland, and a pair of bulbourethral glands.

8. Seminal plasma is rich in which of the following substances?
- A. Glucose, proteins, and fats
 - B. Fructose, calcium, and enzymes
 - C. Oxygen, hormones, and vitamins
 - D. DNA, RNA, and minerals
- (B)

Explanation : Secretions from accessory glands form seminal plasma, which contains fructose, calcium, and enzymes.

9. The enlarged tip of the penis is called:
- A. Urethra
 - B. Foreskin
 - C. Glans penis
 - D. Epididymis
- (C)

Explanation : The enlarged tip of the penis is called the glans penis, which is covered by a loose foreskin.

10. The main function of bulbourethral gland secretion is to:
- A. Produce sperm
 - B. Provide lubrication during sexual intercourse
 - C. Produce testosterone
 - D. Store sperm cells
- (B)

Explanation : Bulbourethral glands secrete fluid that helps provide lubrication in the penis during sexual intercourse.