

Human Reproductive System

Biology · Answer Key · 30 Questions

1. What is the primary function of reproduction?

- A) To regulate body temperature
- B) To pass genetic material from one generation to the next**
- C) To produce energy for the body
- D) To digest food

2. What are the primary reproductive organs called?

- A) Accessory glands
- B) Reproductive tracts
- C) Gonads**
- D) Urinary organs

3. In males, what are the primary reproductive organs?

- A) Ovaries
- B) Testes**
- C) Urethra
- D) Epididymis

4. In females, what are the primary reproductive organs?

- A) Testes
- B) Uterus
- C) Ovaries**
- D) Fallopian tubes

5. What is the dual function of mature gonads?

- A) Producing gametes and secreting hormones**
- B) Transporting gametes and producing enzymes
- C) Regulating body temperature and producing urine
- D) Developing reproductive organs and regulating blood flow

6. What is gametogenesis?

- A) The production of hormones
- B) The production of gametes**
- C) The development of reproductive organs
- D) The transport of sperm

7. What hormone is produced by the testes?

- A) Estrogen
- B) Progesterone
- C) Testosterone**
- D) FSH

8. What hormones are produced by the ovaries?

- A) Testosterone and progesterone
- B) Estrogen and progesterone**
- C) Estrogen and testosterone
- D) LH and FSH

9. What is the function of the reproductive tract?

- A) To produce gametes
- B) To secrete hormones
- C) To transport or house gametes**
- D) To regulate body temperature

10. Which of the following is part of the male reproductive system?

- A) Uterus
- B) Vagina
- C) Seminal vesicles**
- D) Ovaries

11. Where are the testes located in the male reproductive system?

- A) Abdomen
- B) Pelvic cavity
- C) Scrotum**
- D) Thoracic cavity

12. What is the function of the epididymis?

- A) Transport of sperm
- B) Sperm maturation**
- C) Production of testosterone
- D) Storage of urine

13. What glands produce seminal fluid in males?

- A) Bartholin's glands
- B) Prostate gland, seminal vesicles, and bulbourethral glands**
- C) Ovaries and fallopian tubes
- D) Adrenal glands

14. What is the primary role of the scrotum?

- A) To produce sperm
- B) To regulate the temperature of the testes**
- C) To transport sperm
- D) To secrete testosterone

15. What structure transports sperm from the epididymis to the ejaculatory duct?

- A) Urethra
- B) Vas deferens**
- C) Spermatic cord
- D) Seminal vesicle

16. What is the primary function of the penis?

- A) Urine storage
- B) Sperm production
- C) Male sex organ and urine elimination**
- D) Hormone secretion

17. What is the function of the seminal vesicles?

- A) Produce 20% of semen
- B) Produce 70% of semen**
- C) Produce alkaline substance
- D) Store sperm

18. What is the function of the prostate gland?

- A) Produce 70% of semen
- B) Produce 20% of semen**
- C) Lubricate the urethra
- D) Transport sperm

19. What is the function of the bulbourethral glands?

- A) Produce 70% of semen
- B) Produce 20% of semen
- C) Secrete alkaline substance to neutralize vaginal secretions**
- D) Transport sperm

20. What are the paired oval organs in the female reproductive system?

- A) Uterus
- B) Fallopian tubes
- C) Ovaries**
- D) Cervix

21. What is the function of the fallopian tubes?

A) Transport ova from ovaries to the uterus and site of fertilization

B) Nurture a developing fetus

C) Receive sperm

D) Produce eggs

22. What is the function of the uterus?

A) Transport ova

B) Site of fertilization

C) Nurture a developing fetus

D) Produce eggs

23. What is the birth canal in the female reproductive system?

A) Uterus

B) Fallopian tube

C) Vagina

D) Cervix

24. Which part of the female reproductive system connects the uterus to the external genitals?

A) Ovaries

B) Fallopian tubes

C) Cervix

D) Vagina

25. What is the primary role of the cervix?

A) Site of fertilization

B) Nurturing the fetus

C) Opening to the uterus that dilates during childbirth

D) Producing eggs

26. What is the common name for the uterus?

A) Oviduct

B) Womb

C) Cervix

D) Vagina

27. What are the female gonads?

A) Fallopian tubes

B) Uterus

C) Ovaries

D) Cervix

28. What is ovulation?

A) The monthly release of an oocyte from the ovary

B) The implantation of a fertilized egg

C) The shedding of the uterine lining

D) The production of estrogen

29. Which hormone is primarily responsible for inducing Sertoli cells to synthesize and release androgen-binding protein (ABP)?

A) LH

B) Testosterone

C) FSH

D) Progesterone

30. What substance produced by seminal vesicles serves as the energy source for spermatozoa?

A) Citric acid

B) Fructose

C) Prostatic enzymes

D) Lipoproteins