

Embryology

Al mcq

Lecture 2

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Lecture 2

1. Which of the following are aims of gametogenesis?

- A. Reduction of chromosome number from diploid to haploid
- B. Enlargement of cytoplasm in sperm
- C. Formation of mature gametes
- D. Cytoplasmic growth in ova

Correct answers: A, C, D

2. Which features characterize spermatogonia?

- A. Found in seminiferous tubules
- B. Derived from primordial germ cells
- C. Located in the cortex of ovary
- D. Found in testis

Correct answers: A, B, D

3. What are correct features of oogonia?

- A. Found in seminiferous tubules
- B. Located in the cortex of ovary
- C. Derived from primordial germ cells
- D. Formed in the male gonads

Correct answers: B, C

4. Migration of primordial germ cells involves which of the following mechanisms?

- A. Passive diffusion through blood
- B. Amoeboid movement
- C. Attraction by chemostatic signals from gonads
- D. Migration through the dorsal mesentery of hindgut

Correct answers: B, C, D

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5. Which organs are classified as primary sex glands?

- A. Ovary
- B. Testis
- C. Prostate
- D. Seminal vesicle

Correct answers: A, B

6. Which of the following structures are part of the male reproductive system?

- A. Vas deferens
- B. Urethra
- C. Cervix
- D. Seminal vesicle

Correct answers: A, B, D

7. What statements are true regarding the uterus?

- A. It has a fundus
- B. It connects to the rectum
- C. Its body lies between cervix and fundus
- D. It receives the fallopian tubes

Correct answers: A, C, D

8. Which anatomical structures are common to both urinary and reproductive systems in males?

- A. Urethra
- B. Vas deferens
- C. Urinary bladder
- D. Penis

Correct answers: A, D

9. During development, how do germ cells reach the primitive gonads?

- A. Through dorsal mesentery
- B. Via lymphatic vessels
- C. Guided by tissue rearrangements
- D. Through the notochord

Correct answers: A, C