

1. What cells make up the early embryo? Define each.

2. Define Morula, Early Blastocyst, Late Blastocyst, and Gastrula.

3. What is Gastrulation?

4. What are the three embryonic germ layers and what do they develop into?

5. What hormones does the anterior pituitary gland produce and what are their roles?

6. What hormones does the posterior pituitary gland produce and what are their roles?

7. What are the 2 lobes of the pituitary?

8. How does the anterior and posterior pituitary gland develop?

9. What is sexual differentiation?

10. What's the difference between the oocyte and spermatozoa?

11. How does sexual differentiation in the male occur?

12. How does sexual differentiation in the female occur?

13. How do primordial germ cells migrate?

14. What does the Primitive Sex Cord do?

15. What are the 3 distinct renal systems?

16. What are Mesonephric ducts?

17. What are Paramesonephric ducts?

18. How is the male brain “defeminized” in the male embryo?

19. How does the female surge center develop in the female embryo? How is the hypothalamus “feminized”?