**Get out some loose leaf… Title it…..**

**Fetal Development Video**

**Copy down the questions assigned for today’s video**

**Last name 🡪 B-F / Jo – McC/ Si- V =Evens**

**Last name 🡪 G – Je / McE- Sc / W= Odds**

**1. How many human babies are born each day?**

**2. What is DNA “very good” at?**

**3. What risk is there for a species that only reproduces by cloning?**

**4. How does the DNA of sexually produced offspring compare to the DNA of the parents?**

**5. How many sperm are produced by the average human male? \_\_\_\_\_\_\_\_\_\_\_\_**

**6. What process is used to make sperm cells and egg cells? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7. What happens to the genes when two chromosomes “embrace”?**

**8. What is the advantage of diversity within a species?**

**9. When does a human female produce her eggs?**

**10. What danger confronts sperm in the vagina?**

**11. What does the sperm need in order to be allowed through the egg’s zona?**

**12. How much time passes between fertilization and the first division of the zygote? 13. After fertilization, how long does it take for the blastocyst to arrive in the uterus?**

**14. What risk does the blastocyst face after it attaches to the uterus?**

**15. True or False: All cells have the same genes.**

**16. What does a gene do when it has been turned on?**

**17. Where specifically does the baby get its nutrients from?**

**18. Does the blood of the mother and the baby ever mix?**

**19. How old is the fetus when it gains the ability to hear sound?**

**20. What is the main job of the fetus during the last trimester?**