

## I. Fertilization and Development

- Fertilization occurs in the \_\_\_\_\_ and implantation occurs in the \_\_\_\_\_

How does the newly formed embryo assist to maintain the endometrium?

Which structures help to form the placenta?

How does blood travel to and from the placenta?

Explain how labor is induced

What are three ways the growing embryo is protected from the mother's immune system?

Explain how the sperm penetrates the egg and how polyspermy is prevented?

What three things are necessary for development?

How does the egg begin to divide once it has been fertilized?

What is the basic process of gastrulation and which tissues are formed?

How does the neural tube form?