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**Do you think the reproductive system
is the most important in the body?
Why?**

Genesis 1:28

- God blessed them and said to them, “Be fruitful and increase in number; fill the earth and subdue it. Rule over the fish in the sea and the birds in the sky and over every living creature that moves on the ground.”

Human Reproductive System

-Female-

Miller and Levine, BIOLOGY. P. 991-993. Pearson, USA.

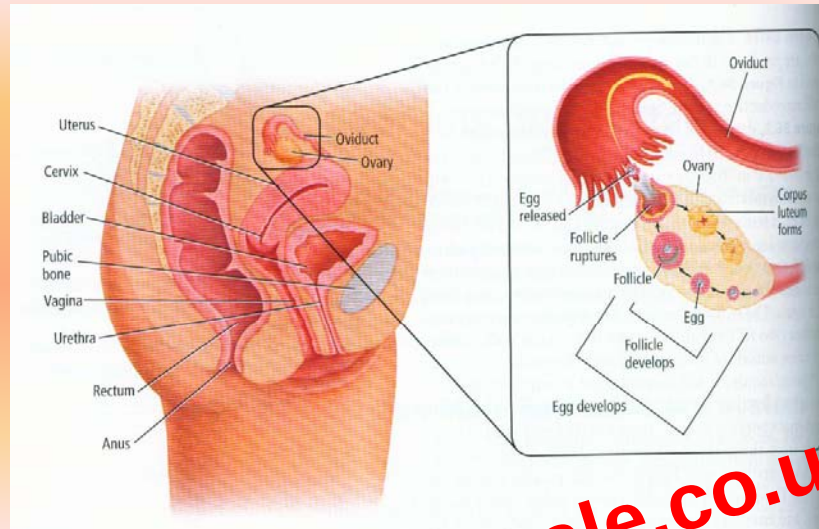


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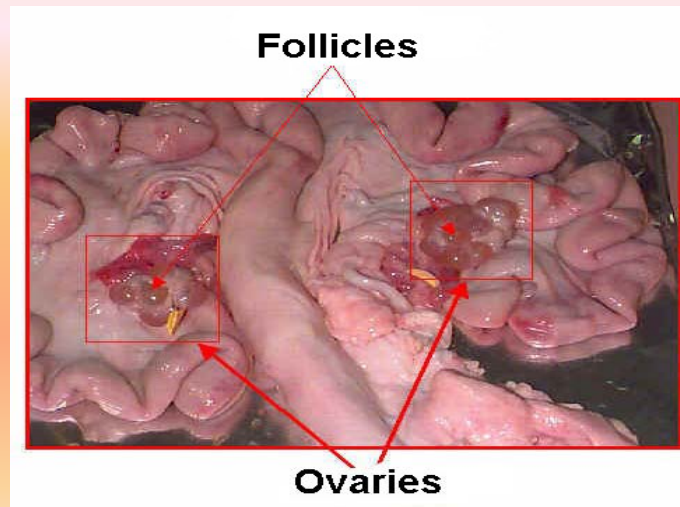
Introduction

- **The main function:**
 1. To produce egg cell (female gamete) or ova (singular:ovum) and
 2. To provide an environment in which a fertilized egg can develop or to nourish a developing embryo.
- **Ovary** = to produce ovum (egg cell), there are 2 ovaries, the size and shape is like an almond, located on each side of the lower part of the abdomen.

The Maturation of egg cell in Ovary



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How eggs are released?

- It is happen once a month (begin at puberty)
- Each egg cell completes meiosis I and begins meiosis II
- During meiosis II, one of the egg cells ruptures (ovulation) from the ovary and passes into oviduct
- Usually only one follicle matures and releases an egg each month.

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HOMEWORK

Tracing The Path of a Sex Cells (Gamete)

1. Develop an arrow flowcharts or concept maps that trace the path of **sperm** from the testes through the reproductive system to outside the body.
2. Develop an arrow flowcharts or concept maps that trace the path of **egg cell** from the ovary through the reproductive system to outside the body.