



SUBJECT:BIOLOGY
CHAPTER:3
CHAPTER NAME: REPRODUCTION IN HUMANS
PERIOD-2

CHANGING YOUR TOMORROW

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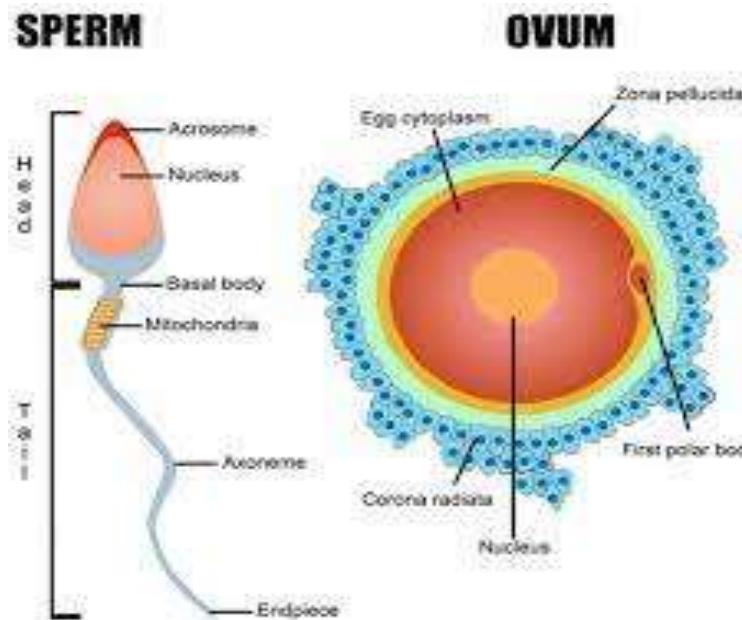
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Sexual reproduction

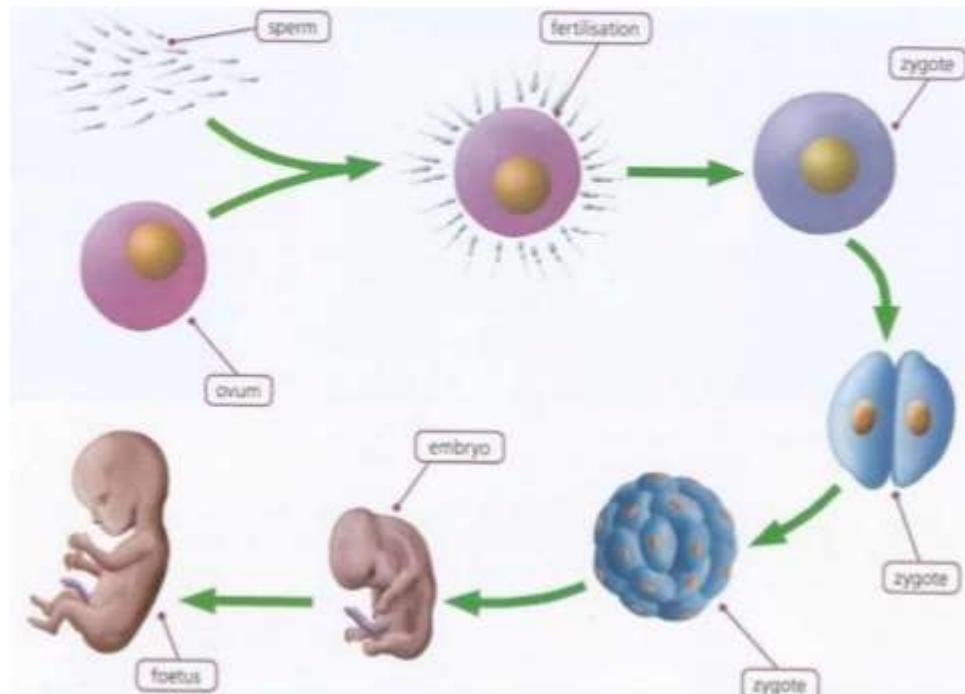
- Requires the interaction between two organisms (two parents) to produce an offspring. Reproduction occurs due to the union of morphologically distinct male and female gametes to form a zygote.

- **Spermatogenesis:** The process of production of sperms in the gonads of males.
- **Oogenesis:** The process of production of eggs in the gonads of females.

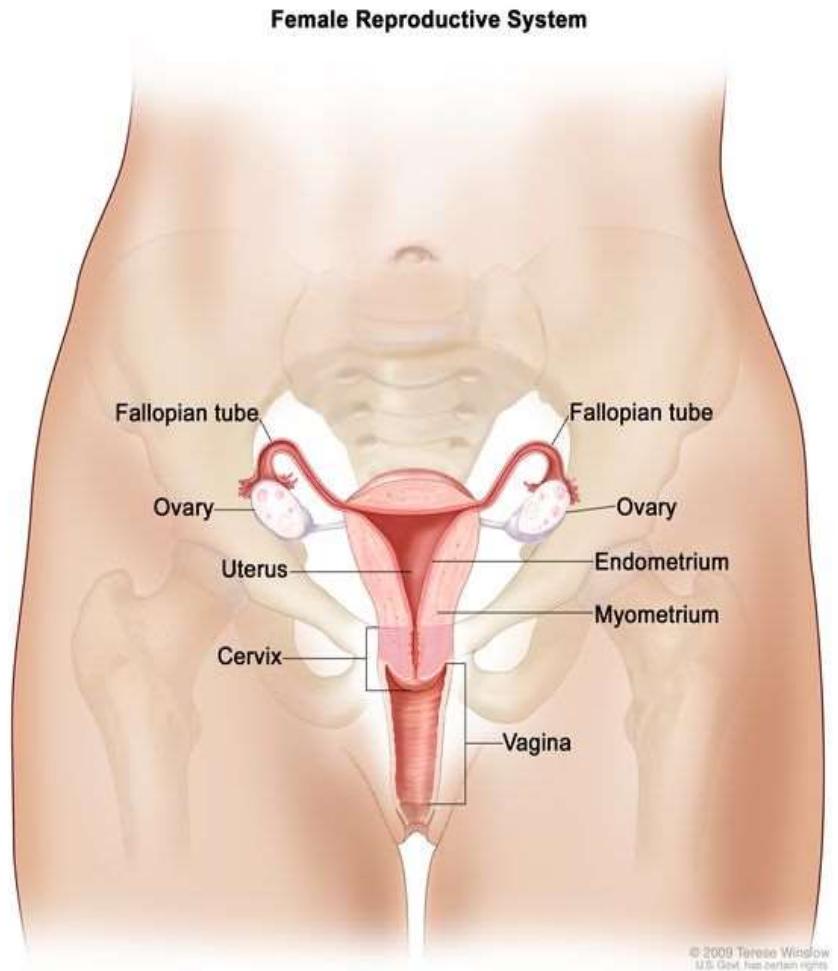
Fusion of gamets



STAGES



Female Reproductive System:

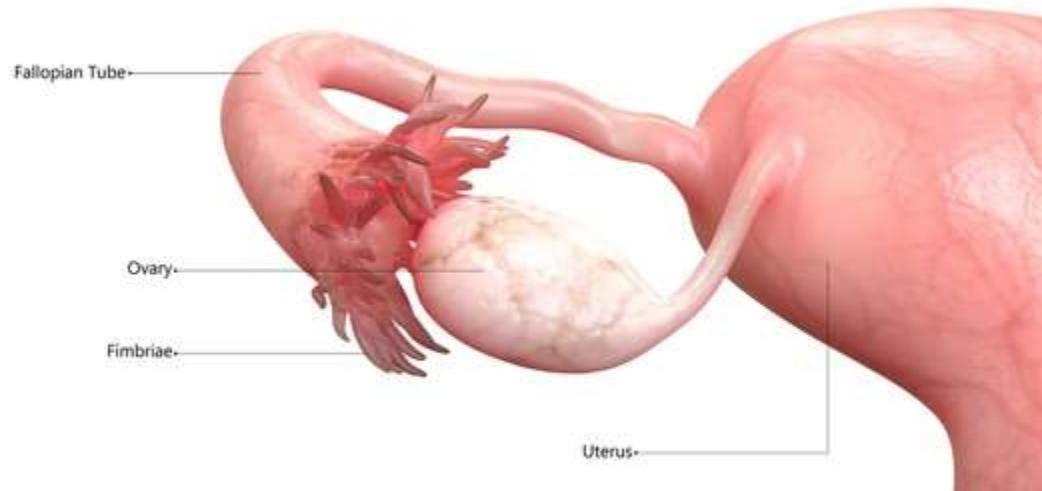


Female Reproductive System:

- The female reproductive system in human beings is composed of following parts:

- **a-Uterus:**

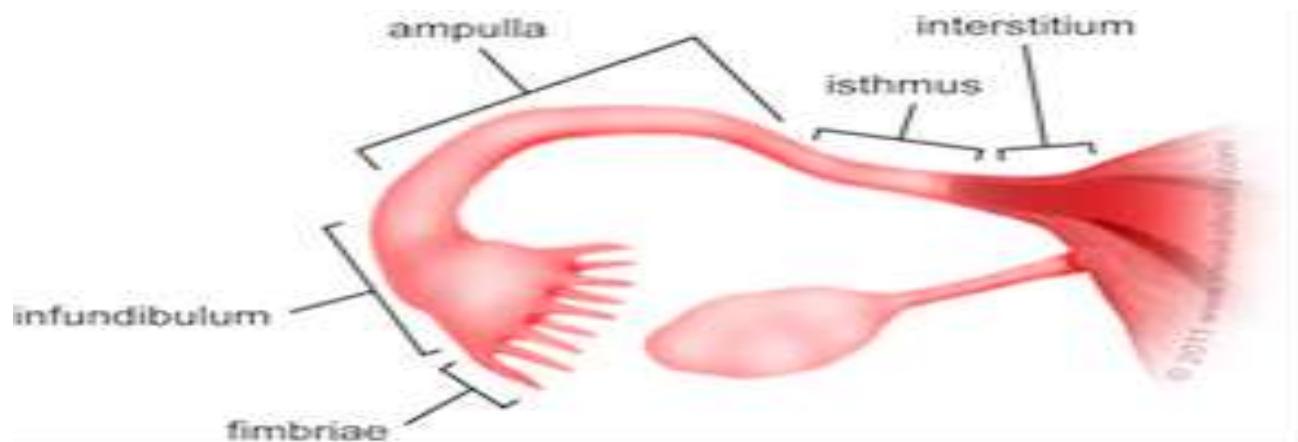
- This is pear-shaped hollow muscular organ.
- **Uterus** is the place where the **embryo** gets implanted and develops into a new-born baby.
- The wall of the uterus provides safety and nutrition to the growing foetus.



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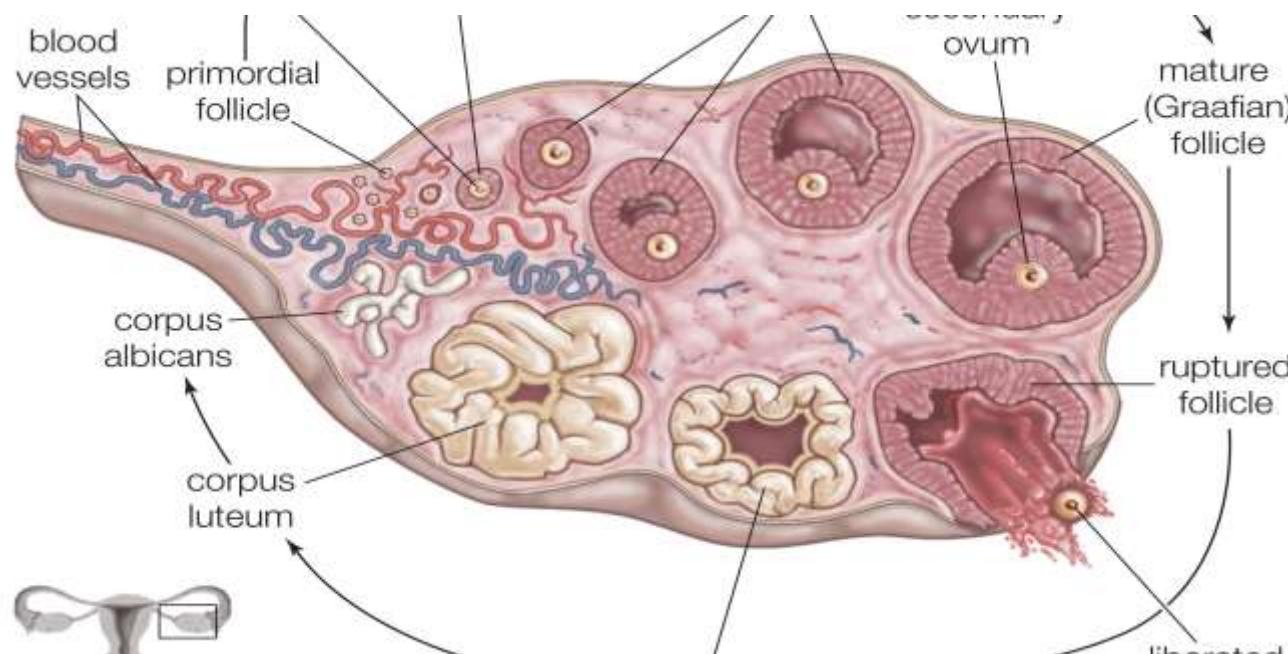
b-Fallopian Tubes:

- One **fallopian tube** comes out from each side at the top of the uterus.
- The fallopian tubes end in finger-like structures; called **fimbriae**.
- **Fertilization** happens in the fallopian tube.



c-Ovary:

- There are **two ovaries**; one near each fallopian tube.
- Ovary produces the **eggs** or the **female gametes**.



d-Vagina:

- The **cervix** (mouth of the uterus) opens into the **vagina**.
- Vagina is a muscular tube-like organs; which serves as the passage for the sperms and also as the canal during the child birth.

THANKING YOU
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