

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VIII

Date : 27-07-2021

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#### ► Reproduction in animals

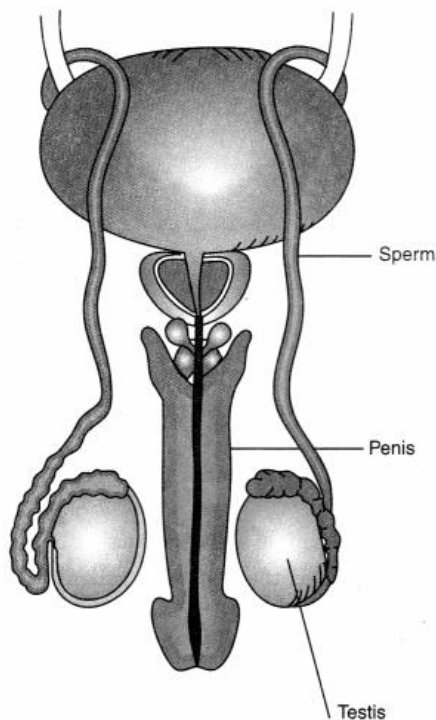
**Reproduction:** It is one of the important life processes, which ensures the continuation of similar kinds of individuals (species) generation after generation.

**Modes of Reproduction:** There are two modes by which animals reproduce. These are

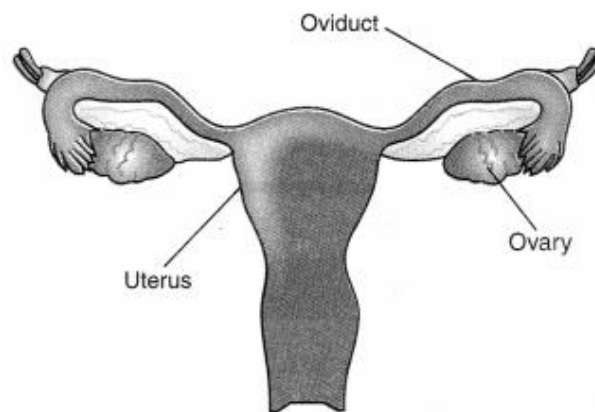
- Sexual reproduction and
- Asexual reproduction.

#### **Sexual Reproduction**

**Male Reproductive Organs:** Male reproductive organs are a pair of testes, sperm ducts, and a penis.

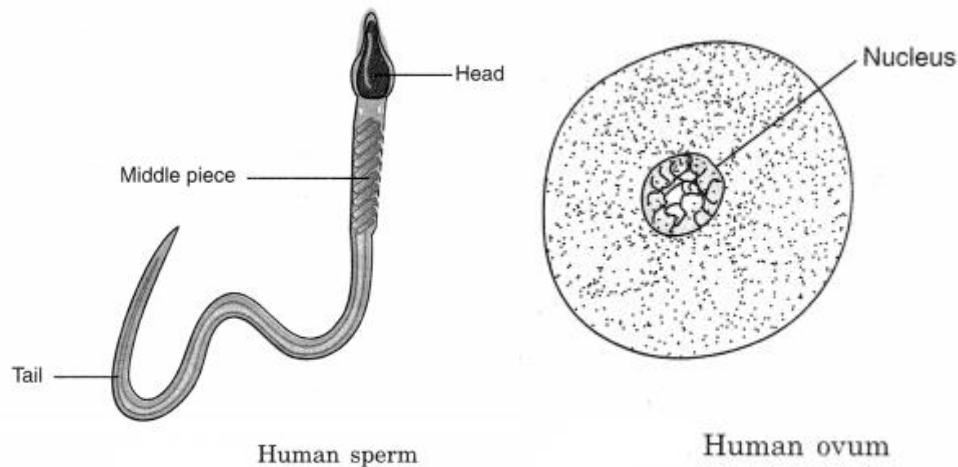


Male reproductive organs in humans



Female reproductive organs in humans

**Sperms:** The testes produce the male gametes called sperms.



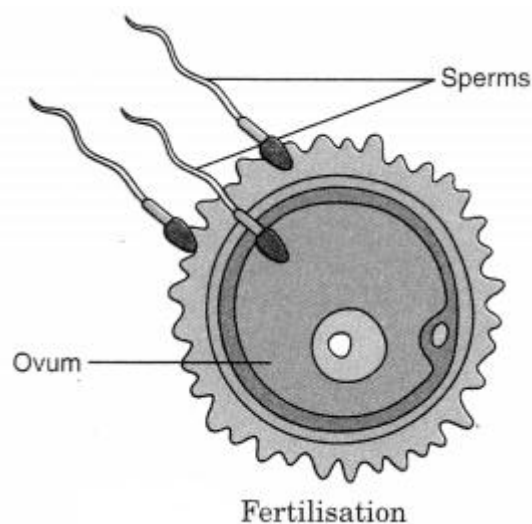
**Female Reproductive Organs:** The female reproductive organs are a pair of ovaries, oviducts (fallopian tubes) and the uterus.

**Ova:** Ovary produces females gametes called ova (Egg).

In human beings, a single matured egg is released into the oviduct by one of the ovaries every month.

Uterus is the part of the female reproductive system where the development of the embryo takes place. Both sperm and ova are single-celled structure.

The fusion of the ovum and the sperm is called fertilisation.



Fertilisation which takes place inside the female body is called internal fertilisation.

Fertilisation which takes place outside the body of the female is called external fertilisation.