

Reproduction in Humans

Chapter 20: Reproduction in Humans · Topic 1

Key Concept

The male reproductive system produces sperm, while the female reproductive system produces eggs (ova) and supports pregnancy if fertilisation occurs.

Fertilisation occurs when a sperm cell combines with an egg cell, forming a zygote that develops into an embryo and then a foetus.

The foetus develops in the uterus over approximately nine months, receiving nutrients and oxygen through the placenta.

Understanding human reproduction helps us appreciate human development and the importance of reproductive health and hygiene.

Quick Revision Notes

- Male system produces sperm.
- Female system produces eggs and supports pregnancy.
- Fertilisation combines sperm and egg.
- This forms a zygote.
- The zygote develops into an embryo, then a foetus.
- Development occurs in the uterus.
- This takes about nine months.
- The placenta provides nutrients and oxygen.

Practice Questions

- 1 Discuss the roles of the male and female reproductive systems.
- 2 Explain what fertilisation means.
- 3 Research the stages of foetal development.
- 4 Discuss the role of the placenta.
- 5 Explain why reproductive health is important.
- 6 Discuss why hygiene matters for reproductive health.