

## Important Definitions

Fertilization – Fusion of male and female gametes

Zygote – Single cell formed after fertilization

Puberty – Age when reproductive organs become functional

Gamete – Reproductive cell (sperm or egg)

Ovary – Organ that produces female gametes (eggs)

Testes – Male reproductive organ that produces sperm

## Questions & Answers (Board Level)

Q1: What is the difference between asexual and sexual reproduction?

A: Asexual reproduction involves one parent and no gametes; sexual reproduction involves two parents and gamete fusion.

Q2: Name two organisms which reproduce by budding.

A: Yeast and Hydra.

Q3: What is the function of testes?

A: To produce sperm and the hormone testosterone.

Q4: Where does fertilization occur in human females?

A: In the fallopian tube.

Q5: Define vegetative propagation with example.

A: A type of asexual reproduction using plant parts like stem or leaves. Example: Potato.

Q6: Name one STD and its preventive method.

A: HIV/AIDS; prevention: use of condoms and awareness.

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