

Reproduction and Embryo Development

These notes are your ultimate revision weapon to revise Reproduction and Embryo Development. We've distilled years of previous exam questions (PYQs) into one powerful, concise resource. Everything you need to know, nothing you don't.

- **PYQs, Decoded:** All key concepts from past exams, organized and simplified.
- **Revise in Record Time:** Short, precise, and designed for last-minute review.
- **Focus on What Matters:** Master high-probability topics and boost your confidence.

Human Reproduction and Embryonic Development

Fertilization



- **Definition:** The process of a sperm cell fusing with an ovum (egg cell).
- **Location:** Occurs in the oviduct (also known as the Fallopian tube).
- **Fertilizing Capacity of Sperm:** After entering the female reproductive tract, human sperm retain their ability to fertilize an egg for approximately **one to two days**.

Embryonic Development

- **Key Developmental Milestone:**
 - **Heartbeat Initiation:** The heart of a human embryo begins beating around the **fourth week** of development.
- **Embryonic Membranes:** Specialized membranes that protect and nourish the developing embryo.
 - **Amnion:** The membrane that forms a fluid-filled sac (amniotic sac) around the embryo.

- **Function:** Provides protection against physical shock and desiccation (drying out).

Know More About Reproduction and Embryo Development:

- [Reproduction and Embryo Development – Old Year Questions](#)
- [Reproduction and Embryo Development One Liner Questions & Answers](#)

