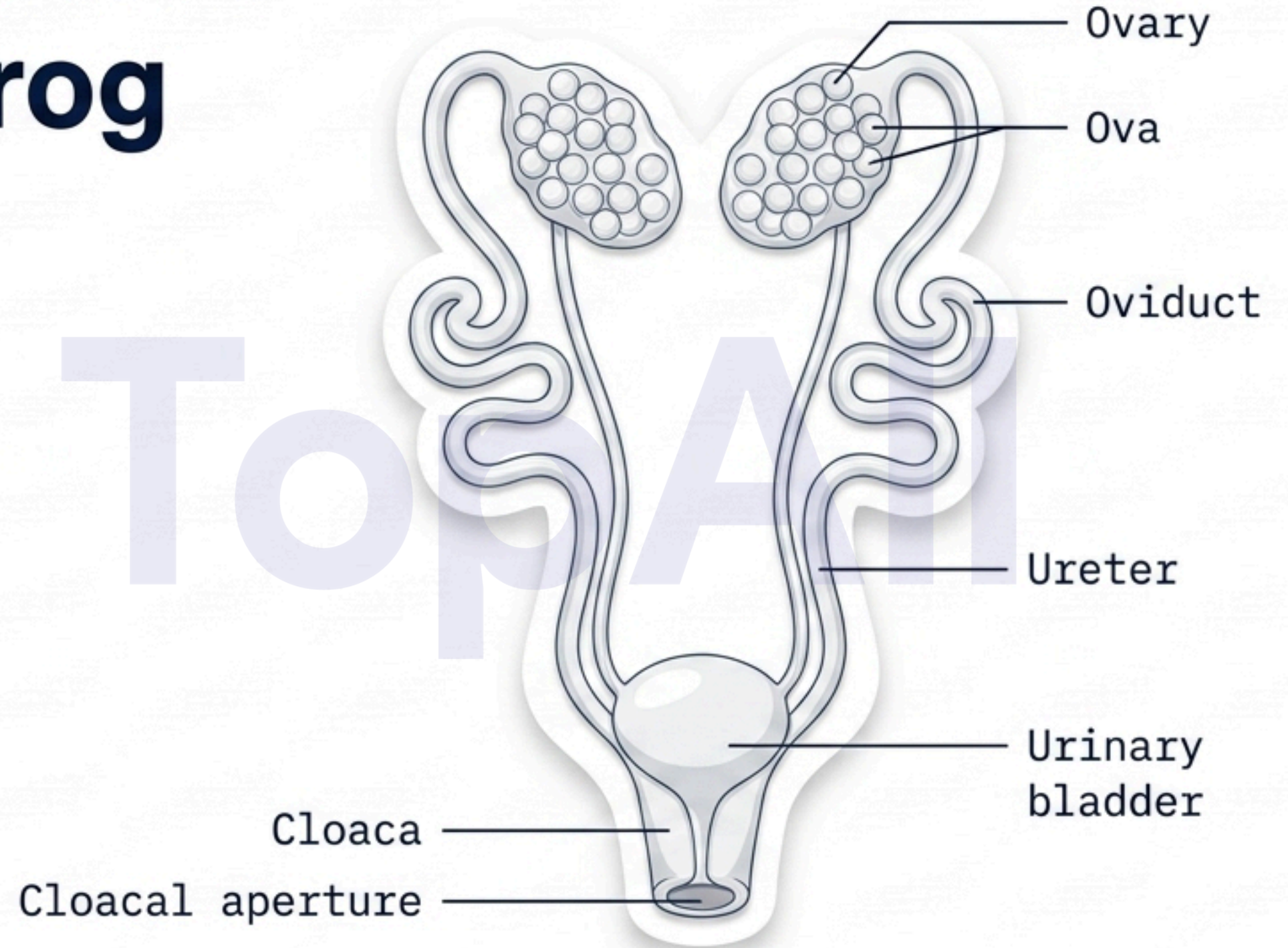


Ova, Fertilisation and Tadpole Stage

An anatomical and developmental mapping
of the female frog reproductive system.

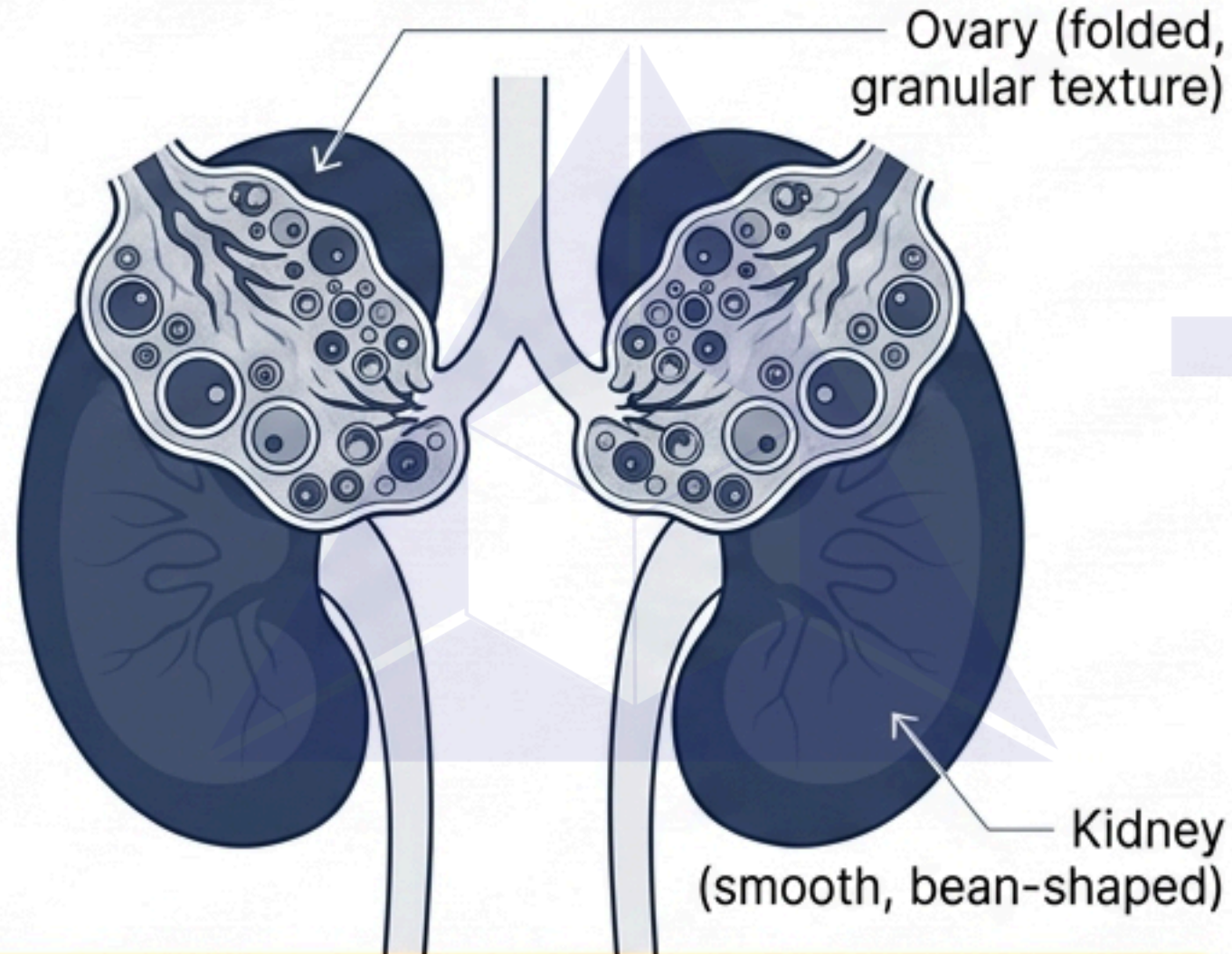
System Architecture of the Female Frog

The female reproductive system is an independent anatomical pathway terminating in the cloaca, functioning concurrently with the excretory system.



The Production Hub: Ovaries

Anatomy & Proximity

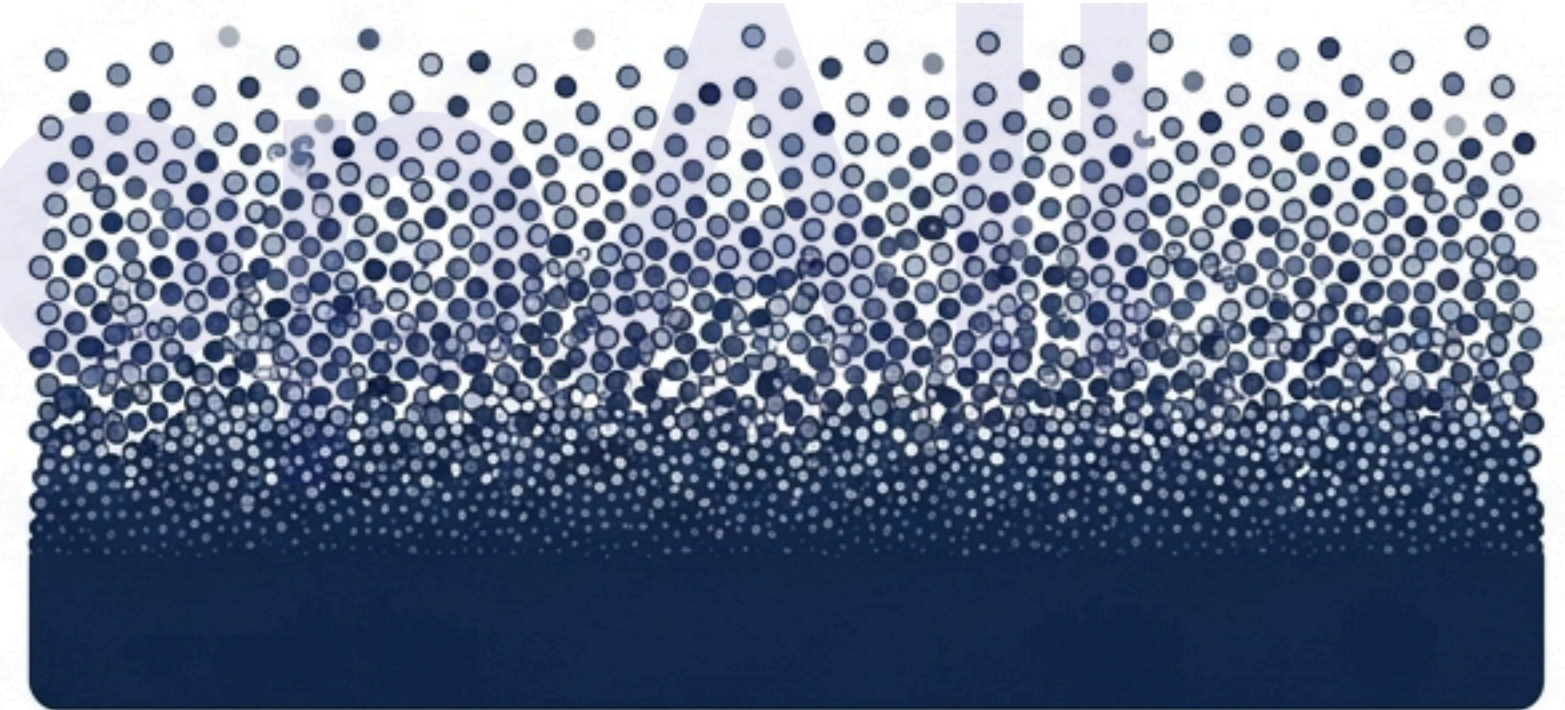


CRITICAL DIAGNOSTIC: While situated near the kidneys, there is **NO functional connection between the ovaries and the kidneys** in the female system.

Production Volume

2,500 – 3,000

OVA_PER_CLUTCH



A **mature female** is capable of producing and laying between 2,500 and 3,000 ova at a single time during the reproductive cycle.



**You've Learned the Theory.
Let's Test Them Now.**

$$E=mc^2$$



Turn theory into marks with **unlimited MCQs, smart analysis, and focused revision.**

Practice Now



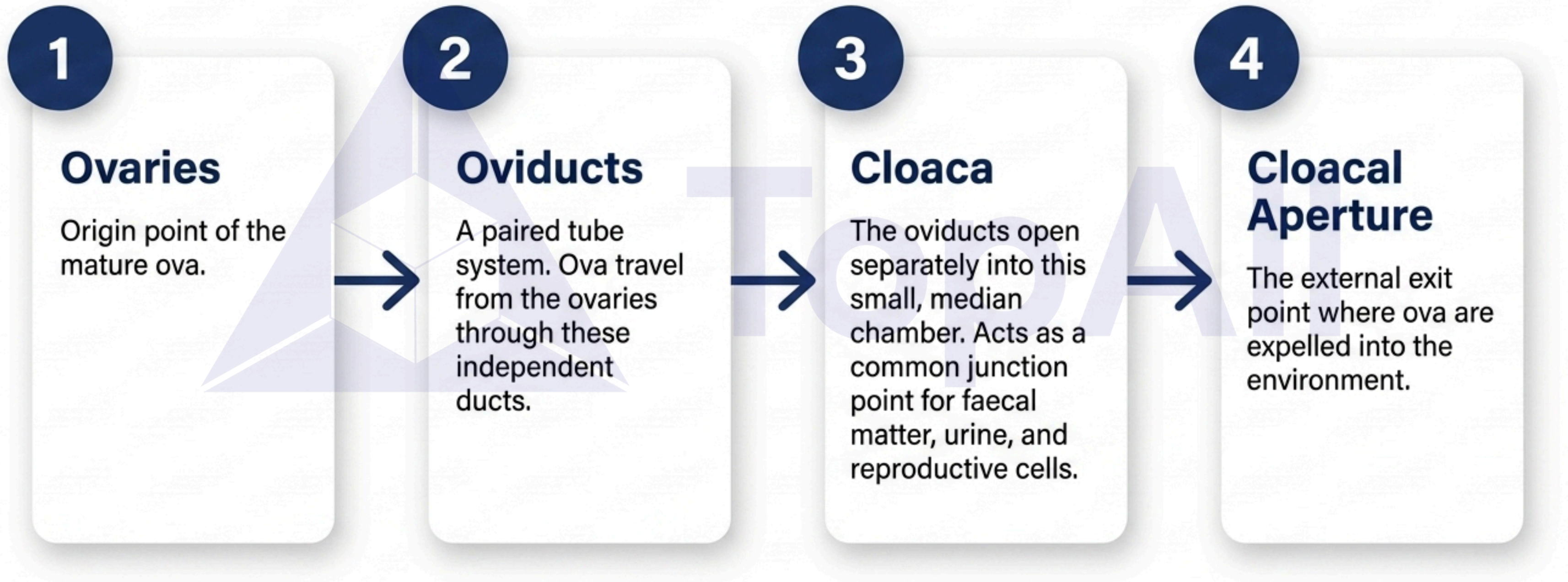
At prep.topall.app

Key Highlights

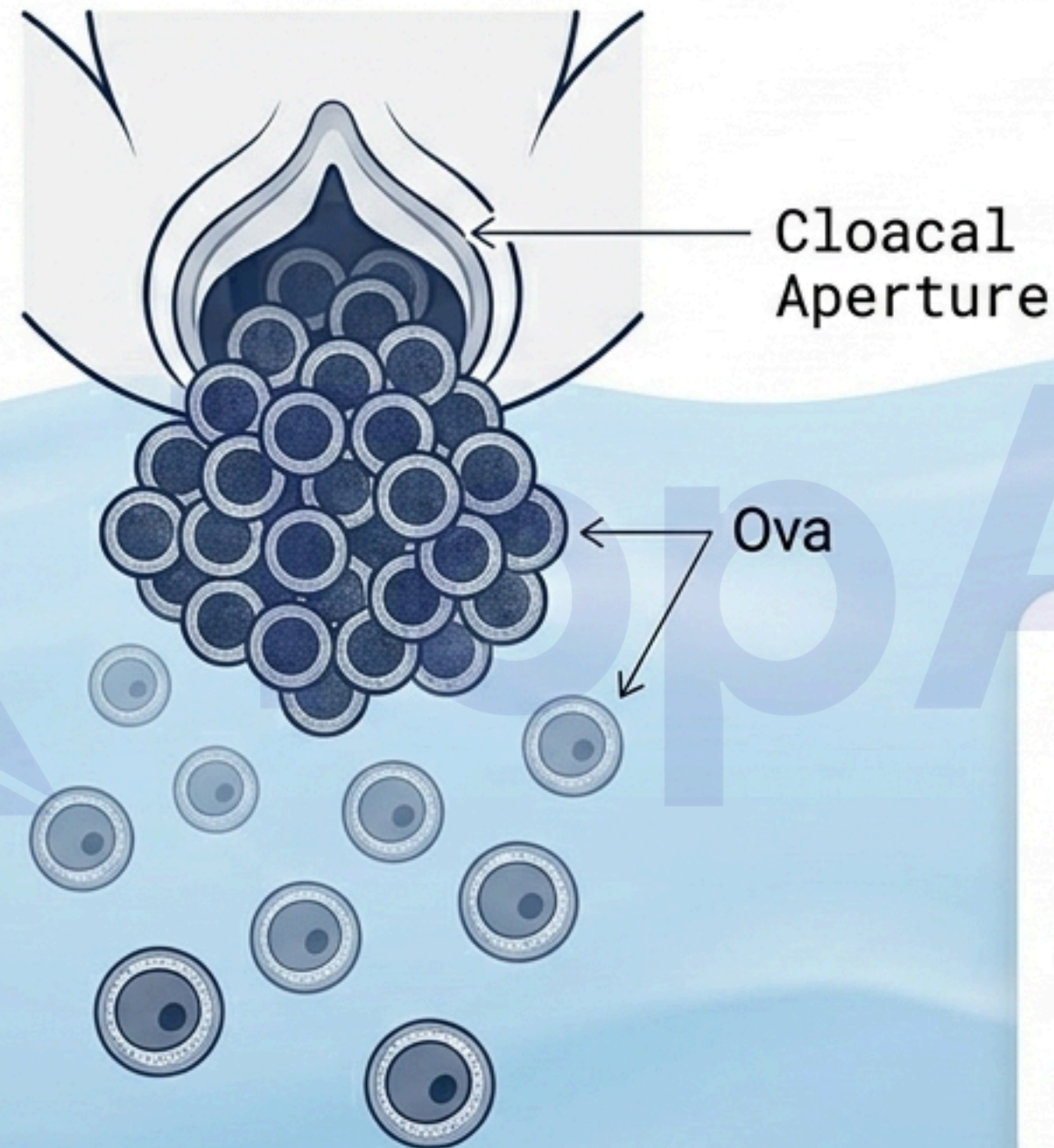
- » Free Study Material, Videos & Infographics
- » Push Your Limits with Level-Based Challenges
- » Climb the Leaderboard Among Fellow Aspirants
- » Practice Unlimited MCQs for NEET & JEE
- » Get Clear Explanations, Not Just Marks
- » Track Your Performance Smarter



The Internal Transit Pathway



Crossing the Boundary: External Fertilisation



Environmental Dependency

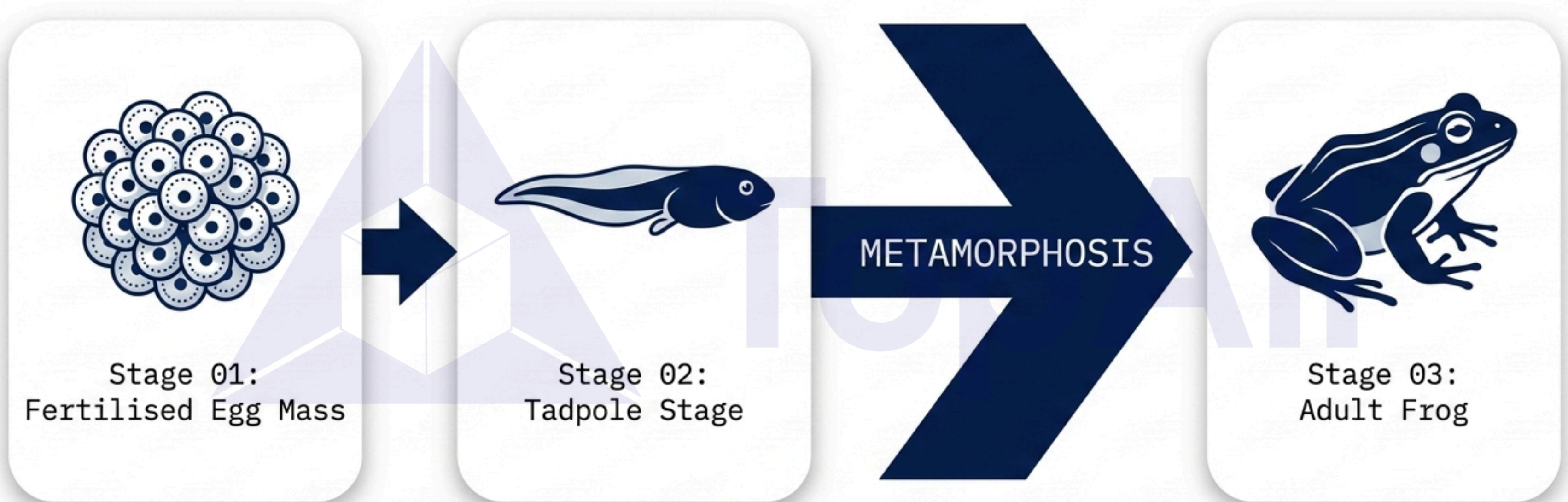
The fertilization process is strictly external and must take place in a water environment.

The Mechanism

Ova released into the water are fertilized externally by the male, bypassing any internal gestation.

Aquatic Environment

Developmental Timeline and Metamorphosis



The distinct aquatic larval phase. Requires an aquatic habitat to survive and grow.

Executive Summary: The Reproductive Cycle

Anatomical Foundation

- Pair of ovaries located near, but functionally disconnected from, the kidneys.
- Paired oviducts channeling directly into the cloaca.

Production Scale

- High-yield output: 2,500 to 3,000 ova produced simultaneously by a mature female.

Environmental Development

- External fertilisation strictly requiring an aquatic environment.
- Development relies on a distinct larval metamorphosis (the tadpole stage).



You've Learned the Theory.

Now Let's Test It.

Reading notes gets you knowledge.

Practicing MCQs gets you marks.

That's exactly what TopAll Pro is built for.

Try TopAll Pro Now

What TopAll Pro Does Differently

-  **Stuck? Snap it. Solve it. — Doubts AI**
Photo → step-by-step solution in seconds, 24/7
-  **Your AI Coach finds your blind spots**
Concept-level weakness detection — not just chapter-level
-  **4.5 Lakh+ questions. Never run out.**
13× more content than any other prep app in India
-  **Build your own test in 60 seconds**
Pick a chapter, set difficulty — AI does the rest instantly.
-  **AI Recommendation that helps you improve**
AI Recommendation Analysis your Tests and tell you where you need to improve.



Practice the moment you finish studying
Jump in while the concept is still fresh in your head

4.5L+
MCQs

1.5L+
Students

AI Powered
In-Depth Analysis