

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Reproduction in Animals

Q1. How does fertilization take place in frog?

Ans. \_\_\_\_\_  
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Q2. What is 'in vitro fertilization' technique of reproduction?

Ans. \_\_\_\_\_  
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## Reproduction in Animals

Q1. How does fertilization take place in frog?

Ans. During spring or rainy season, frogs and toads move to ponds and slow flowing streams. When the male and female come together in water, the female lays hundreds of eggs. Frog's egg is not covered by a shell and it is comparatively very delicate. A layer of jelly holds the eggs together and provides protection to the eggs. As the eggs are laid, the male deposits sperms over them. Each sperm swims randomly in water with the help of its long tail. The sperms come in contact with the eggs. This results in fertilization.

Q2. What is 'in vitro fertilization' technique of reproduction?

Ans. In some women oviducts are blocked. These women are unable to bear babies because sperms cannot reach the egg for fertilization. In such cases, doctors collect freshly released egg and sperms and keep them together for a few hours for IVF or in vitro fertilization (fertilization outside the body). In case fertilization occurs, the zygote is allowed to develop for about a week and then it is placed in the mother's uterus. Complete development takes place in the uterus and the baby is born like any other baby. Babies born through this technique are called test-tube babies.