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**Grade : 4 Subject:Science Name: Date:29.11.22**

**8.REPRODUCTION IN ANIMALS**

**I.Write short answer**

**1. What is reproduction?**

 The process by which animals produce babies is called reproduction.

**2. Name the main parts of an egg.**

 The main parts of an egg are shell, yolk, albumen and embryo.

**3. How is tadpole different from an adult frog?**

* A tadpole is a baby frog. It has a tail and looks like a fish.
* It swims in water and eats water plants It changes into a frog.
* A frog has legs.
* It lives both on land and in water.

 **4. Name the various stages in the life cycle of a cockroach**.

 The stages in the life cycle of a cockroach are egg, nymph and adult.

**5. Differentiate between a larva and a nymph**

* A nymph looks like the parent insect.
* A larva looks different from the parent insect

**II. Answer the following**

**1. How do mammals take care of their babies? Explain.**

* When the babies of mammals are born, they are weak and helpless.
* Usually, the mother takes care of her babies.
* She feeds them and protects them from enemies.
* In some mammals, such as monkeys and wolves, the father also takes care of the babies.
* He guards and protects them from enemies.

**2. Explain how a chick comes out of an egg?**

 The mother hen lays an egg and then sits on the egg to keep it warm. After a few weeks, the chick hatches out by breaking the shell.

**3. Describe the life cycle of a frog.**

* A female frog lays hundreds of eggs in water.
* When the eggs hatch, tiny baby frogs called tadpoles come out of them.
* A tadpole has a tail and looks like a fish.
* It swims in water and eats water plants Later, it grows legs.
* The tail also becomes shorter and disappears finally.
* Gradually, the tadpole changes into an adult frog.

**4 How do the eggs of crocodile hatch?**

* A female crocodile digs a hole in the ground and lays eggs.
* She then covers the eggs with dirt. After two or three months,

the young ones are ready to hatch.

* The mother crocodile removes the dirt and helps the young ones to come out.

**III.Think and answer**

**1, Frogs can live on land, but tadpoles cannot. Why?**

**2. How are a bird and a snake similar? How are they different?**