

**CBSE Class 8 Science**  
**NCERT Exemplar Solutions**  
**CHAPTER 9**  
**Reproduction in Animals**

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**VERY SHORT ANSWER QUESTIONS**

**11. Although 2 cells called gametes fuse, the product formed is a single cell called zygote. Justify.**

**Ans.** During fertilisation, only the nucleus of the sperm moves inside the egg cell and fuses with the egg pronucleus to form the zygote. The rest of the sperm degenerates.

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**12. Stages in the lifecycle of silkworm are given below. Write them in sequential order.**

**Pupa, Silkworm, Egg, Silkmoth**

**Ans.** Silkworm, Egg, Pupa, Silk moth

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**13. What is the importance of reproduction?**

**Ans.** Reproduction plays a vital role in the life of living beings by ensuring the continuation of species generation after generation. It ensures the continuation of races for several generations

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**14. In markets, eggs of birds are available but never eggs of dogs. Why?**

**Ans.** This is due to that fact that birds like hen give birth to their young ones by laying eggs whereas in dogs the mother gives birth to the young ones and hence are known as viviparous.

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**15. The eggs of frogs do not have shells for protection, yet they are safe in water. How?**

**Ans.** A jelly-like layer covers the eggs of frogs and provides protection from predators.

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