

Chapter- 5
Worksheet- 1

1. As a result of fertilization _____ is formed.
2. The mode of reproduction which involves only one parent is _____.
3. Sex cells are also called _____. In animals the male sex cell is called _____ And the female sex cell is called an _____.
4. The human embryo grows and develops in the _____.
5. The animals which lay eggs are called as
 - (a) Oviparous animals
 - (b) Viviparous animals
 - (c) Domestic animals
 - (d) Wild animals
6. The male gamete is called
 - (a) sperm
 - (b) ova
 - (c) embryo
 - (d) zygote
7. A tadpole develops into an adult frog by the process of
 - (a) fertilisation
 - (b) metamorphosis
 - (c) embedding
 - (d) budding
8. The number of nuclei present in a zygote is

- (a) None
- (b) One
- (c) Two
- (d) Four

9. Budding occurs in

- (a) Amoeba
- (b) dog
- (c) Paramecium
- (d) yeast

10. State whether the given statements are true or false.

- (a) External fertilisation occurs in frog.
- (b) An embryo is made up of multicells.
- (c) Fertilisation is not necessary in asexual reproduction.
- (d) Each sperm is multicellular.
- (e) Cloning is a sexual reproduction method in any living organisms.

11. Which organ produces eggs or ovum?

12. Although two cells called gamete fuse, the product formed is a single cell called zygote. Justify.

13. Why is reproduction important?

14. Explain the formation of embryo.

15. Explain the transformation of tadpole to frog.

16. What are buds? Explain budding in hydra.
17. Though these animals lay hundreds of eggs and release millions of sperms, all the eggs do not get fertilised and develop into new individuals. Comment.
18. What is IVF?
19. Draw a labelled diagram of male reproductive system.
20. Differentiate between oviparous and viviparous animal.

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