



6. Define asexual reproduction. Describe two methods of asexual reproduction in animals.

Answer:

Asexual reproduction is that type of reproduction in which only single parent is involved. Asexual reproduction takes place by different methods like Budding, Binary fission etc.

- Budding: This type of reproduction takes place in Hydra and Bacteria. A part of the organism starts bulging out. Slowly it grows and develops into a separate individual.
- Binary fission – In this type of reproduction, a single organism gets divided into two. This type of reproduction takes place in Amoeba. The nucleus of the Amoeba gets divided into two followed by division of their bodies, each part getting one nucleus and developing into a separate individual.

7. In which female reproductive organ does the embryo get embedded?

Answer:

The embryo gets embedded in the wall of the uterus.

8. What is metamorphosis? Give examples.

Answer:

The transformation of the larva into adult through drastic changes is called metamorphosis. Frogs and insects are examples of organisms showing metamorphosis.

9. Differentiate between internal fertilization and external fertilization.

Answer:

Internal fertilization	External fertilization
It involves the fusion of the male and the female gamete inside the female body.	It involves the fusion of the male and the female gamete outside the female body.
Chances of the survival of the offspring are more. Therefore, a small number of eggs are produced.	Chances of survival of the offspring are less. Therefore, a large number of eggs are produced.
Humans, cows, hens are organisms showing internal fertilization.	Fish, frog, starfish are organisms showing external fertilization.

Page No: 111

10. Complete the crossword puzzle using the hints given below.

Across

1. The process of the fusion of the gametes.

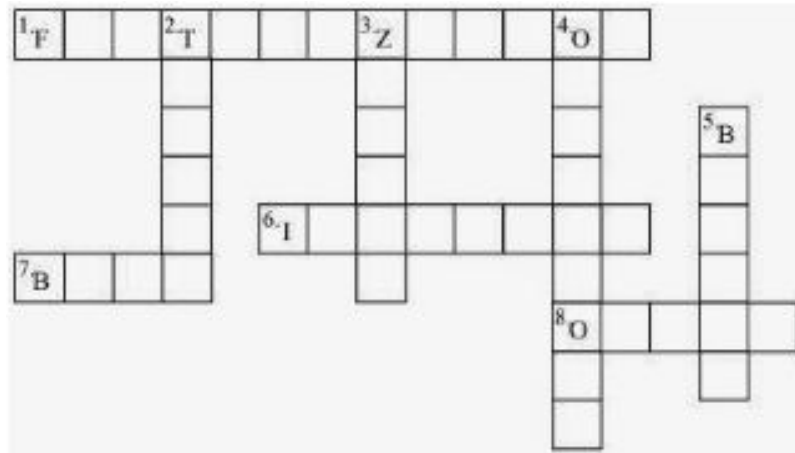
6. The type of fertilization in hen.

7. The term used for bulges observed on the sides of the body of Hydra.

8. Eggs are produced here.

Down

2. Sperms are produced in these male reproductive organs.
3. Another term for the fertilized egg.
4. These animals lay eggs.
5. A type of fission in amoeba.



Answer:



Across

1. FERTILIZATION
6. INTERNAL
7. BUDS
8. OVARY

Down

2. TESTIS
3. ZYGOTE
4. OVIPAROUS
5. BINARY

***** END *****