

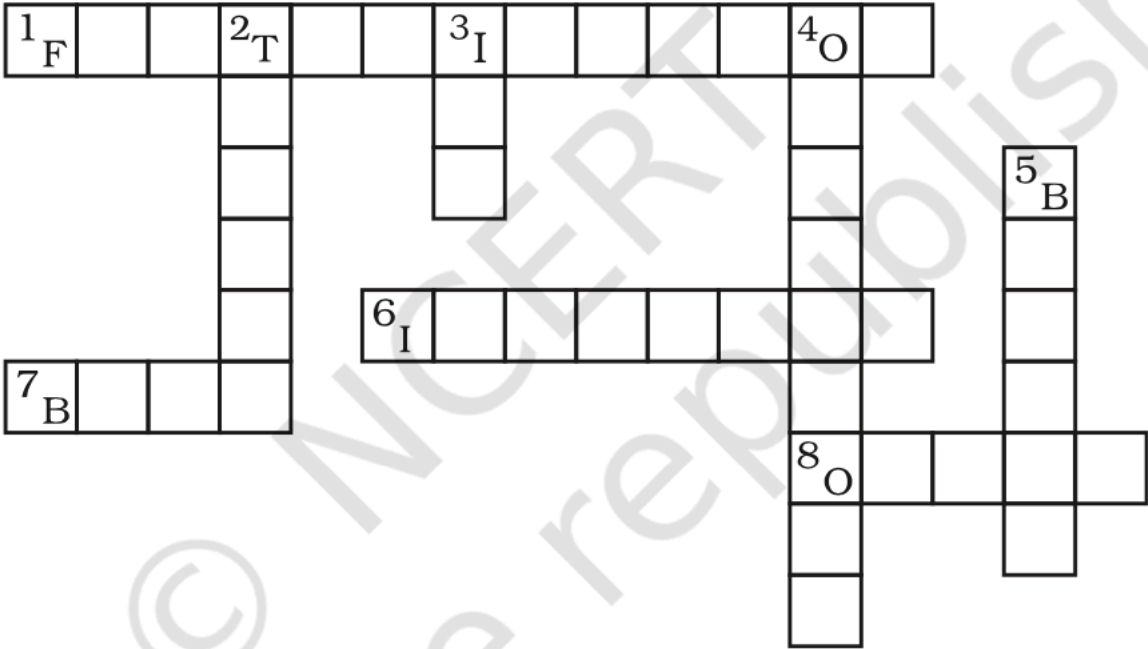
10. Complete the crossword puzzle using the hints given below.

Across

- 1. The process of the fusion of the gametes.
- 6. The type of fertilisation 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 in vitro fertilisation.
- 4. These animals lay eggs.
- 5. A type of fission in amoeba.



1. Fill in the blanks.

- (a) Most liquids that conduct electricity are solutions of _____ , _____ and _____.
- (b) The passage of an electric current through a solution causes _____ effects.
- (c) If you pass current through copper sulphate solution, copper gets deposited on the plate connected to the _____ terminal of the battery.
- (d) The process of depositing a layer of any desired metal on another material by means of electricity is called _____.

8. Fill in the blanks

- (a) The object to be electroplated is taken as _____ electrode.
- (b) One of the most common applications of chemical effect of electric current is _____.
- (c) Small amount of a mineral salt present naturally in water makes it a _____ of electricity.
- (d) Electroplating of _____ is done on objects like water taps and cycle bell to give them a shiny appearance.

Amoeba is a _____ celled organism. It reproduces by _____ reproduction. The process of reproduction begins by the division of its _____ into two. This is followed by the division of its _____ into two. This type of reproduction is called _____ fission.

21. Why do only male gametes have a tail?