

1. Fill in the blanks.

- (a) Friction opposes the \_\_\_\_\_ between the surfaces in contact with each other.
- (b) Friction depends on the \_\_\_\_\_ of surfaces.
- (c) Friction produces \_\_\_\_\_.
- (d) Sprinkling of powder on the carrom board \_\_\_\_\_ friction.
- (e) Sliding friction is \_\_\_\_\_ than the static friction.

1. Fill in the blanks.

- (a) A place where animals are protected in their natural habitat is called \_\_\_\_\_.
- (b) Species found only in a particular area is known as \_\_\_\_\_.
- (c) Migratory birds fly to far away places because of \_\_\_\_\_ changes.

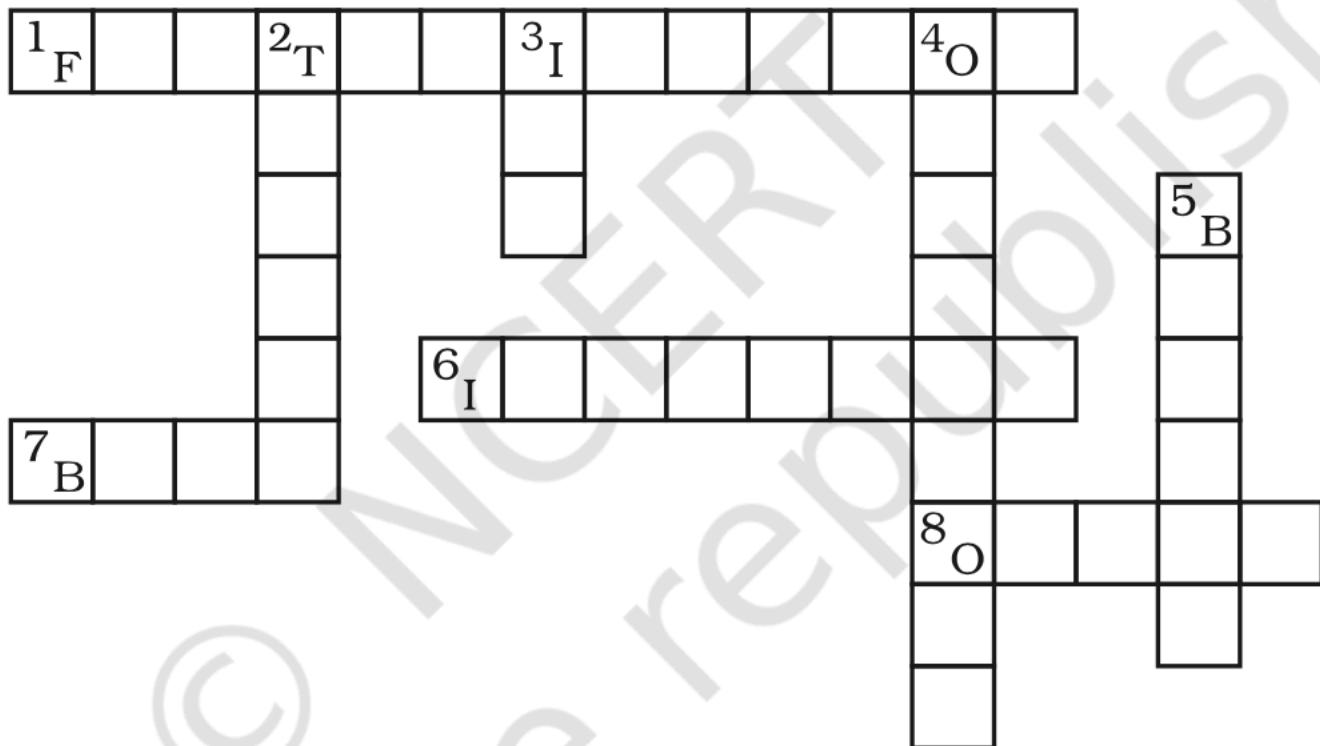
10. Complete the crossword puzzle using the hints given below.

### 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.



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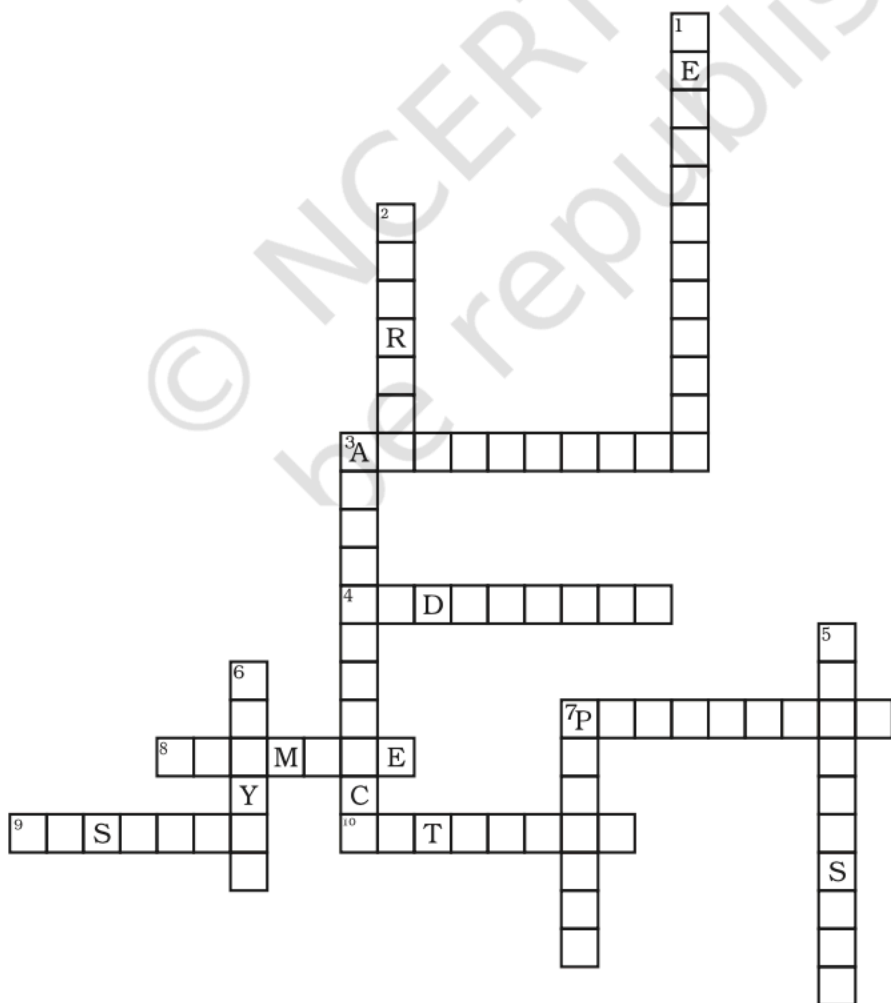
- (a) Most liquids that conduct electricity are solutions of \_\_\_\_\_ , \_\_\_\_\_ and \_\_\_\_\_.
- (b) The passage of an electric current through a solution causes \_\_\_\_\_ effects.
- (c) If you pass current through copper sulphate solution, copper gets deposited on the plate connected to the \_\_\_\_\_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

**Across**

3. Protruding voice box in boys
4. Glands without ducts
7. Endocrine gland attached to brain
8. Secretion of endocrine glands
9. Pancreatic hormone
10. Female hormone

**Down**

1. Male hormone
2. Secretes thyroxine
3. Another term for teenage
5. Hormone reaches here through blood stream
6. Voice box
7. Term for changes at adolescence



4. Fill in the blanks with suitable words.

- (a) Time taken by an object to complete one oscillation is called \_\_\_\_\_.
- (b) Loudness is determined by the \_\_\_\_\_ of vibration.
- (c) The unit of frequency is \_\_\_\_\_.
- (d) Unwanted sound is called \_\_\_\_\_.
- (e) Shrillness of a sound is determined by the \_\_\_\_\_ of vibration.