

1. Explain the importance of reproduction in organisms.
2. Describe the process of fertilisation in human beings.

8. What is metamorphosis? Give examples.
9. Differentiate between internal fertilisation and external fertilisation.

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.

4. Suppose your writing desk is tilted a little. A book kept on it starts sliding down. Show the direction of frictional force acting on it.
5. You spill a bucket of soapy water on a marble floor accidentally. Would it make it easier or more difficult for you to walk on the floor? Why?