

ENTRY TEST ... 49
ADMISSION TEST TO GRADE: 5
SCIENCE
KEY

Q.1 Fill in the blanks.

- (i) Non-flowering (ii) Stigma (iii) Metals/copper (iv) Gravity

Q.2 Answer the following questions.

(i) Friction

It is the force that stops or tends to stop moving objects.

Method to reduce friction (*any one*)

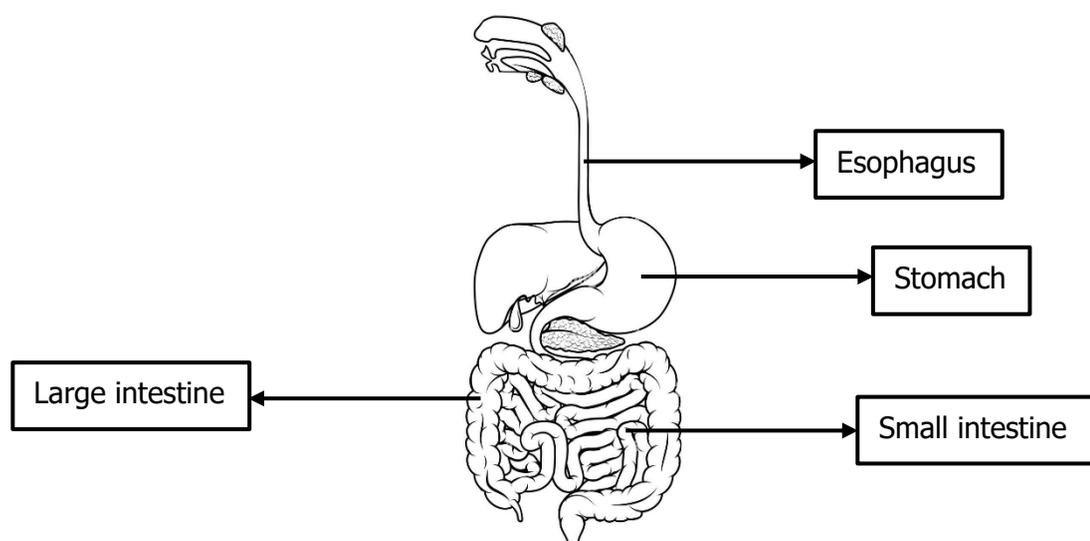
Rolling: Rolling creates less friction than sliding. It is easier to move a heavy box using rollers or wheels than dragging it on the floor, thus reducing friction.

Oiling or lubricating: Lubrication means adding oil or grease between two moving parts. Oil makes surfaces smooth and slippery, so they move easily and reduce friction.

(ii) Adaptations

- The animals living in cold environment have thicker and warmer feathers and fur which insulate them from cold.
- Many of them have larger bodies, shorter arms and legs and tails and tiny ears, which help them retain their heat better and prevent heat loss.

(iii)



(iv) *Ability of doing work is called energy.*

Four basic types of energy are: light, sound, heat, electric and magnetic energies. (any four)