

FORCES AND MACHINES

قوتیں اور مشینیں

Exercise




5.1 Encircle the correct option.

درست جواب کے گرد دائرہ لگائیں۔

- i. Friction produces:
- a. heat b. cooling
c. motion d. roughness
- ii. Which of the following is not a way to reduce friction?
- a. use of lubricant
b. smoothening the rubbing surfaces
c. increasing roughness of the surfaces
d. changing the sliding friction to rolling friction
- iii. Which of the following is not a simple machine?
- a. bicycle b. screw driver
c. wheel d. wedge
- iv. Simple machine is a tool that:
- a. gives energy to other machines
b. does only one job
c. makes the work easier
d. made of many small parts
- v. The point about which a lever turns is called:
- a. effort b. load
c. fulcrum d. weight
- vi. Wheel barrow is an example of the lever of:
- a. first kind b. second kind
c. third kind
d. both first and second kind
- vii. Which of the following is an example of second kind of lever?
- a. scissors b. bottle opener
c. fishing rod d. pliers

5.2 Classify the kind of lever.

لیور کی اقسام کی شناخت کریں۔

Machine	Figure	Kind of lever
Fishing rod فیشنگ راڈ		<u>Third</u>
Human arm انسانی بازو		<u>Third</u>
Fodder machine فوذر مشین		<u>First</u>

Science



Bottle
opener

بوتل اوپنر



Second

Stapler

سٹاپلر



Second

Hand pump

ہینڈ پمپ



First

Claw
hammer

کیل نکالنے والا ہتھوڑا



First

Shovel

شیل



Third