Education with Fun

Name: _____ Date: _____

Force and Pressure

Q1. Identify the actions involved in the following situations as push or pull, or both:

a. Opening a drawer. _____

b. A cricket ball hit by a batsman. _____

c. Drawing a bucket of water from a well. _____

d. Moving a book placed on a table. _____

e. A football player taking a penalty corner. _____

f. Moving a wheel barrow. _____

Q2. Give two examples each of situations in which you push or pull to change the state of motion of objects.

Ans. _____

_____

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Q3. When we press the bulb of a dropper with its nozzle kept in water, air in the dropper is seen to escape in the form of bubbles. Once we release the pressure on the bulb, water gets filled in the dropper. The rise of water in the dropper is due to

(a) pressure of water
(b) gravity of the earth
(c) shape of rubber bulb
(d) atmospheric pressure.

Ans. _____

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Force and Pressure

Q1. Identify the actions involved in the following situations as push or pull, or both:

a. Opening a drawer. Pull

b. A cricket ball hit by a batsman. Push

c. Drawing a bucket of water from a well. Pull

d. Moving a book placed on a table. Push; Pull

e. A football player taking a penalty corner. Push

f. Moving a wheel barrow. Push; Pull

Q2. Give two examples each of situations in which you push or pull to change the state of motion of objects.

Ans. Objects are pushed or pull in order to change the state of motion.

Examples of push are:

i. We push the door to open it.

ii. A football player kicks the ball.

Examples of pull are:

i. We pull the door to close it.

ii. Opening a drawer.

Q3. When we press the bulb of a dropper with its nozzle kept in water, air in the dropper is seen to escape in the form of bubbles. Once we release the pressure on the bulb, water gets filled in the dropper. The rise of water in the dropper is due to
(a) pressure of water
(b) gravity of the earth
(c) shape of rubber bulb
(d) atmospheric pressure.

Ans. The rise of water in the dropper is due to atmospheric pressure.