# L-12
## "Friction"

Q.1 A moving ball on a ground stops after some time. Name the force responsible for it.

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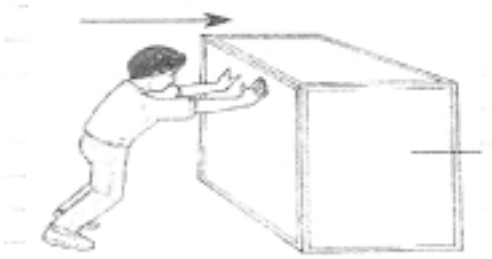
2. Name the Type of friction in following tow cases :



..... .....

Out of the above two types of friction name the friction which requires less effort.

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3. Match the following :-

| | | | |
|---|---|---|---|
| i) | Bird | a) | Measures the force acting on an object. |
| ii) | Spring Balance | b) | Static friction |
| iii) | Moving body | c) | Lubricant |
| iv) | Reduces friction | d) | Drag |

4. Choose the correct option :-

i) Static friction comes to play when the object is

a) Rolling ☐ b) Sliding ☐

c) Moves from rest ☐ d) None ☐

ii) Rolling friction comes to play when the object is.

a) Rolling ☐ b) Sliding ☐

c) Comes to rest ☐ d) all of these ☐

iii) In many machines, friction is reduced by using :

a) Ball-Bearing ☐ b) Lubricants ☐

c) Both a & b ☐ d) None ☐

iv) A ball is rolling in north direction, in which direction, does the frictional force act.

a) North ☐ b) South ☐

c) East ☐ d) West ☐

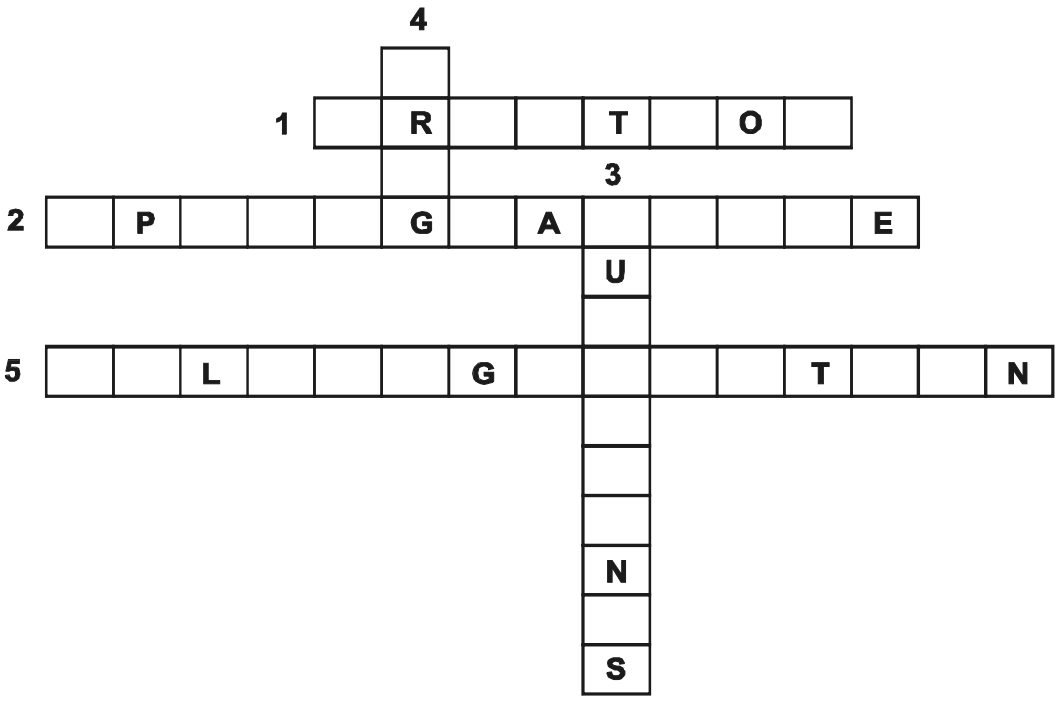
5. Sometimes, force of friction is desirable, give three examples.

i) .....

ii) .....

iii) .....

6. Cross-Word puzzle :-




Hints

i) Force which opposes motion

ii) The device used to measure the force acting on an object.

iii) The substances which reduce friction.

iv) The resistance to friction when a body rolls over the surface of another body.

v) The frictional force exerted by fluids.