

extra Q/Ans

Q) List the effects of friction.

Ans: Effects of friction:-

- 1) Friction opposes motion.
- 2) Friction always acts in a direction opposite to the direction of motion.
- 3) Friction produces heat.
- 4) Friction causes wear and tear.

Q) Explain with example how friction opposes motion.

Ans- the friction opposes motion because ex-like, ^{if} when we push a box towards right the friction occurs in the opposite direction. i.e. left.

Q) Friction always acts in a direction opposite to the direction. Justify the statement by giving an ex.

Ans- "Friction always acts in a direction opposite ~~opposite direction~~ to the direction" because ^{like} when we push a box ~~the~~ towards

the left the friction occurs
towards the ~~of~~ left.

Q How can you prove friction
produces heat?

Ans ~~we~~ we can prove that friction
produces heat by an ex-
like when ~~we~~ we rub
our hands ~~to~~ we will ~~be~~
warm after some time that
is because of friction produces
heat.

13) what do you ^{understand} ~~mean~~ by the term friction?

Ans- friction is that force which opposes ~~&~~ the relative motion between the two surfaces that are in contact with each other.

14) Give an example to illustrate the existence of force of friction.

Ans- If we stop paddling our bicycle, ~~it will stop~~ ~~gradually~~ it will slow down and then stop.