

Class VIII Physics and Biology

In our daily life we experienced several forces some we can see whereas some can be felt. Forces which we can see and observed called contact force and which we can only feel called non-contact force. Contact force is that force which occurs in contact with two objects. The force experienced when two bodies are not in direct contact called as Non-Contact forces.

Q1. What do you understand by Contact force and Non-Contact force?

Q2. Explain some Contact and Non-Contact Forces with example.

Q3. Match The Following:

Column A	Column B
Gravitational Force	Horse Pulling a cart
Frictional Force	Iron Fillings pulled
Electrostatic Force	Apple falling from tree
Magnetic Force	Movement is resisted
Muscular Force	Bits of paper raised

Biology Crop Production

India is an agriculture based country 60% - 70% of Indian population (directly or indirectly) depends upon agriculture. Prehistoric men were flesh eaters and hunters who hunt and brought food for their families. As time changes and human evolution begins they started cultivating food called farming to fulfil the requirements of their families and practice agriculture.

Q1. What do you understand by agriculture?

Q2. Define crop? Whether the production of crop depends on environmental factors or not. Describe different types of crops.

Q3. Differentiate between fertilizer and manure.

Q4. What do farmers use to do before cultivation of crop?

Q5. What is Irrigation? Explain different processes of irrigation.