

BRAIN INTERNATIONAL SCHOOL

Science Assignment

Class: VIII

April'18

Chapter-1: Crop Production and Management

1. Describe the two main crop seasons of our country mentioning their period of sowing and harvesting.
2. Why is land ploughed and leveled before sowing?
3. Why should seeds be treated with fungicides before sowing?
4. How are fertilizers applied to the soil?
5. What is organic farming?
6. What are the drawbacks of seeds being unevenly distributed in a field?

Chapter-3: Synthetic Fibres and Plastics

1. What are biodegradable substances/materials? Give two examples.
2. How does a thermoplastic material differ from a thermosetting material? Give one example of each.
3. Mention two advantages and two disadvantages of synthetic fibres.
4. Mention a few problems associated with the excessive use of plastics.
5. Burning cotton or cotton clothes smells like burning paper, whereas burning wool/nylon smells like burning hair. Give reasons.
6. What is the difference between a linear polymer and a cross-linked polymer?

Chapter-11: Force and Pressure

1. What is meant by balanced and unbalanced force?
2. Why is a sharp knife more effective in cutting a fruit than a blunt knife?
3. Explain the difference between contact and non-contact forces.
4. Why do heavy vehicles have broad tyres?
5. Why do mountaineers at high altitude sometimes experience bleeding through their nose?
6. State Pascal's Law. Give a simple experiment to demonstrate this law.