

**(L.O.- Learning Outcome)**

L.O. Distinguishes matter and organisms on the basis of their properties, composition and function.

**Que - 1 Write the name of the synthetic fiber having the following properties. (5)**

1. It is strong, elastic and light. It is lustrous and easy to wash. So it becomes very popular for making clothes.
2. Made from wood pulp and woven sheet with cotton and woven mat with wool.
3. The fabric made from this fiber does not crumble easily, it stay tight and easy to wash so it's useful in making wearable fabrics.
4. Useful in making sweaters cheaper than wool.
5. Thin fibers can be made of it and can be woven like any other thread.

L.O. Applies learned scientific concepts in daily life.

**Que -2 Answer the following question.**

1. 50 kg wheat has been brought to your house. What will you do to take care of it? (2)
2. Explain where and why metallic material (any one) and non- metallic material (any one) have been used in your home. (2)
3. Which agriculture tool would you choose to sow seeds in the field? (1)

L.O. Illustrates the process and the phenomenon.

**Que - 3 Answer the following questions.**

1. Explain the process of harvesting. (2)
2. When you add water to sulfur dioxide and put a blue litmus paper in it, why does it turn red? (1)
3. When we put burning candle near the mouth of test tube consisting of sulfuric acid & pieces of magnesium metal, why does it explode? (1)
4. Why do the colour & solution of copper sulphate change when we take a solution of copper sulphate in a beaker and put an iron nail in it? (1)

L.O. Connects process and event with cause.

**Que – 4 Give reasons.**

1. Why are infants and children vaccinated? (2)
2. We should not allow water to collect in one place around us for a long time to prevent malaria. (2)
3. The drip irrigation method is a boon in area with water scarcity. (1)

L.O. Carries out a simple investigation to get answer to the questions.

**Que - 5 Answer the following question.**

1. Make a note of what methods have been used to store food in your home for a long time. (3)
2. How will you determine if harmful micro organisms are produced in bread or fruit? (2)