

## **HOLIDAY HOME WORK**

### **1. Growing demand for water in different seasons**

Demands for water supply change with time as rivers shrink in summer, but the demand is more for water. Rivers swell in monsoon, but the demand is comparatively low to that of summer. The water demand further reduces in winter, but there is ample water in the rivers. Autumn sees the demand almost the same as that of summer. The population of the city is also growing as more areas are getting covered under the residential housing societies.

Write the problem statement for this scenario along with a solution.

|       |  |
|-------|--|
| Who   |  |
| What  |  |
| Where |  |
| Why   |  |

### **2. Restaurant Food Wastage**

All kinds of food outlets prepare food in bulk, as they expect a lot of customers. This leads to a good quantity of food getting wasted. Everyday wastage if accounted for the whole year is a big loss for the restaurants.

Write the problem statement for this scenario along with a solution.

|       |  |
|-------|--|
| Who   |  |
| What  |  |
| Where |  |
| Why   |  |