$\square$ The stem conducts water from roots to the leaves and other parts and food from leaves other parts of the plant.
$\checkmark$ The parts of flowers are sepals, petals, stamens and pistil.

## Textbook Exercise

1. Correct the following statements and rewrite them in your notebook.
(a) Stem absorbs water and minerals from the soil.
(b) Leaves hold the plant upright.
(c) Roots conduct water to the leaves.
(d) The number of petals and sepals in a flower is always equal.
(e) If the sepals of a flower are joined together, its petals are also joined together.
(f) If the petals of a flower are joined together, then the pistil is jointed to the petals.
Ans. (a) Roots absorb water and minerals from the soil.
(b) Roots hold the plant upright.
(c) Stem conducts water to the leaves.
(d) The number of petals and sepals in a flower is usually equal.
(e) If the sepals, of a flower are joined together, its pistal may not be usually joined to the petals.
2. Draw (a) a leaf, (b) a tap root and (c) a
flower you have studied for Table.

(a)

(b)

(c)

Fig. (a) A leaf, (b) Tap root, (c) A flower
3. Can you find a plant in your house or in your neighbourhood, which has a long
which category would you classify it? ${ }^{\text {an }}$ Ans. Yes, there is plant in our is money plant a long but a weak stem. Another such plant is Its category bis climber. A
4. What is the function of a stem in plant?
Ans. Functions of the stem :
(i) The stem hold branches, leaves, floweri and fruits.
(ii) The stem is like a two-way street because:

- It conducts water and dissolved mineral from roots to leaves and other parts of the plant.
- It conducts food prepared by leaves storage oranges of the plants.
(iii) In some plants stem stores food, as in potato, ginger, etc.

5. Which of the following leaves have reticulate venation?
Wheat, tulsi, maize, grass, coriander, (dhania), china rose.
Ans. Plants with reticulate venation are Tulsi, coriander (dhania) and china rose.
6. If a plant has fibrous root, what type of venation do its leaves likely to have?
Ans. Parallel venation.
7. If a plant has leaves with reticulate venation, what kind of roots will it have? Ans. Tap root.
8. Is it possible for you to find oul whether a plant has tap root or fibrous root by looking at the impression of it leaf on a sheet of paper?
Ans. yes, the impressions of a leaf on a sheet 0 paper give a clear picture of venation of the leaf. If the leaf of the plant has reticulate venation it would have tap root. But if the lea has parallel venation the plant would have fibrous roots.
9. Write the names of the parts of flower.
Ans. Parts of a flower :
(i) Sepals

