

Photosynthesis—Food Making Process in Plants

A. Complete the paragraphs.

[NCERT Exemplar Problems]

1. Leaves have a green pigment called (a) _____ which captures (b) _____ from sunlight. This (c) _____ is used in the process of (d) _____ and along with other raw materials like (e) _____ and (f) _____ synthesize (g) _____.
2. The bodies of all living organisms are made of (a) _____ which can be seen under microscope. The outer boundary of the cell is called (b) _____. A centrally located (c) _____ is the control centre of cell. It is surrounded by a jelly-like substance called (d) _____.

- B.** 1. Photosynthesis requires chlorophyll and a few other raw materials. Add the missing raw materials to the list given below.

[NCERT Exemplar Problems]

Water, minerals, (i) _____, (ii) _____.

2. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Do you know where they are available? Fill in the blanks with the appropriate raw materials.

[NCERT Exemplar Problems]

- (i) Available in the plant: _____
- (ii) Available in the soil: _____, _____
- (iii) Available in the air: _____
- (iv) Available during day: _____

3. Write the equation representing photosynthesis in plants:

A. Unscramble the following to form terms related to modes of nutrition.

1. RASPAEIT :

2. CNISEVRTOSUIO :

3. ROPEHYTSAP :

4. TOROPHAUT :

5. SIBIOMSYS :
