PLANTS

A. PLANT RESPONSES TO STIMULI

Read the statements below and write 'True' or 'False' in the space provided.

1.	Roots grow towards sunlight.	
2.	Only parts of plant will respond to the touch.	
3.	Shoots, leaves and flowers grow towards the sunlight.	
4.	Roots and stems grow towards gravitational pull.	
5.	The respond of roots toward water is stronger than the respond of roots toward gravitational pull.	
6.	The plant stems grow towards the sunlight	
7.	Mimosa pudica will droop and fold their leaves when touched.	
8.	Venus Flytrap shows respond to touch.	
9.	Long bean plants grow circling around the support stem. This shows long bean respond to touch.	
10.	All the responses in plants are to make sure the survival of their lives.	

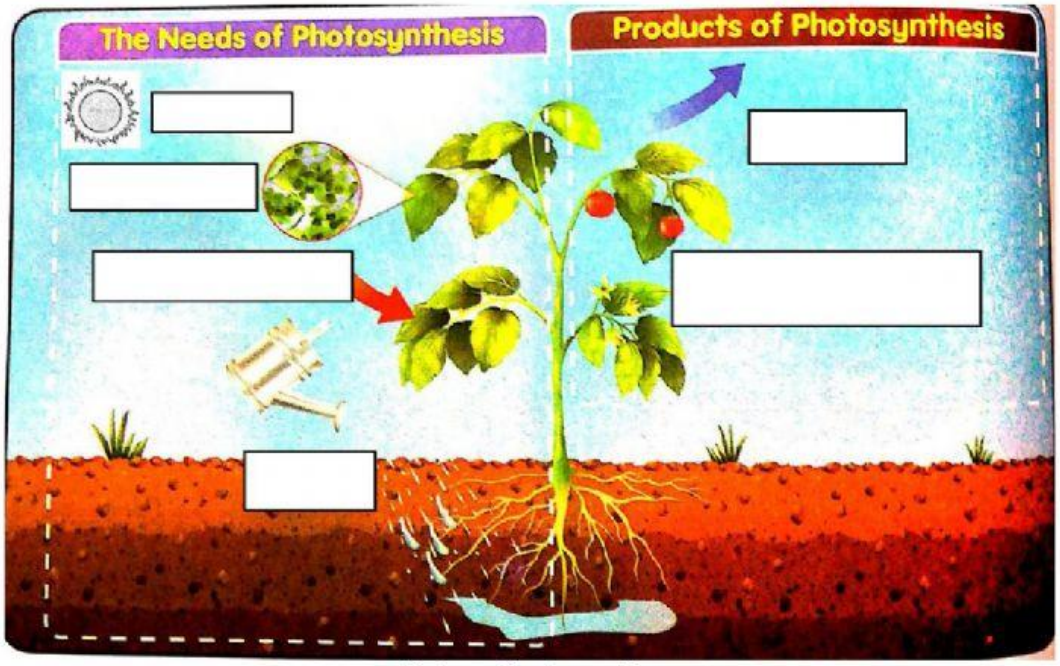
(10 MARKS)

B. PHOTOSYNTHESIS

1. Process of plants make their own food is called _____
2. Plants need energy and light from the _____
3. Green coloured substance in leaves is _____
4. Chlorophyll helps the plants to produce _____ and _____
5. Plants absorb _____ through the tiny pores on leaves.
6. Plants absorb water and nutrients through _____
7. Leaves of plant that do not get enough sunlight will turn to _____
8. The importance of photosynthesis to living things are:
   a) To supply _____
   b) To supply _____
   c) To maintain balance of _____ of air

(10 MARKS)

C. THE NEEDS AND PRODUCTS OF PHOTOSYNTHESIS



Photosynthesis equation:

_____ + _____ $\xrightarrow[\text{Chlorophyll}]{\text{sunlight}}$ _____ + _____