REVISION WORKSHEET 2

1. Name the following

   a) The process in plants that links light energy with chemical energy
   (b) Organisms that can prepare their own food
   (c) The cell organelle where photosynthesis occurs
   (d) Cells that surround a stomatal pore
   (e) Organisms that cannot prepare their own food
   (f) An enzyme secreted from gastric glands in stomach that acts on proteins.
2. "All plants give out oxygen during day and carbon dioxide during night". Do you agree with this statement? Give reason.
3. How do the guard cells regulate opening and closing of stomatal pores?
4. Differentiate between an autotroph and a heterotroph.
5. How does aerobic respiration differ from anaerobic respiration?
6. What will happen if mucus is not secreted by the gastric glands?
7. What is the significance of emulsification of fats?
8. What causes movement of food inside the alimentary canal?
9. Why does absorption of digested food occur mainly in the small intestine?
10. Explain the three pathways of breakdown in living organisms.

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