



**INDIAN SCHOOL MUSCAT**  
**DEPARTMENT OF SCIENCE**



**SUBJECT: SCIENCE**

**Revision Worksheet No: 1**

**TOPIC : Nutrition in plants**

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Name of the student: \_\_\_\_\_ Class; VII Sec: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Give reasons for each of the following :

(a) All living organisms need to take food.

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(b) Algae are classified as autotrophs .

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(c) Lichens are a good example of symbiosis.

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(d) Insectivorous plants are partial heterotrophs.

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2. What are the conditions necessary for photosynthesis to take place? How are these fulfilled by the plants?

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3. Write the word equation for Photosynthesis.

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4. Write **two differences** between :-  
(a) Saprophytes and parasites

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(b) Photosynthesis and respiration

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5. How would you test the presence of starch in leaves?

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6. The stomata are surrounded by guard cells. Why?

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7. If plants cease to exist today, all other living organisms would also be endangered. Explain why?

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8. *Rhizobium* is a symbiotic bacteria. Explain.

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9. Green plants are autotrophs but insectivorous plants are heterotrophs. Give reasons.

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10. With the help of a neat labeled diagram describe the structure of an insectivorous plant.