



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION**



SUBJECT: SCIENCE

REVISION WORKSHEET #1

TOPIC: NUTRITION IN PLANTS

CLASS: VII

RESOURCE PERSON: Mr. RAJKUMAR JOSHI

DATE:

Name of the student _____ Sec _____ Roll No _____

Q.1. Give reasons for each of the following:

(a) All living organisms need to take food.

(b) Algae are classified as autotroph.

(c) Lichens are a good example of symbiosis in organisms.

(d) Insectivorous plants are partial heterotrophs.

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

Q.3. Write the word equation for Photosynthesis.

Q.4. How would you test the presence of starch in leaves?

Q.5. If plants cease to exist today; all other living organisms would also perish. Explain why?

Q.6. Write **two differences** between: -

(a) Saprophytes and parasites

(b) Photosynthesis and respiration

Q.7. The stomata are surrounded by guard cells. Why?

Q.8. *Rhizobium* is a symbiotic bacterium. Explain.

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

Q.10. Nitrogen is an essential nutrient for plant growth. But farmers who cultivate pulse, crops like green gram, Bengal gram, pea, etc. do not apply nitrogenous fertilizers during cultivation. Why?
