

**PVG's**  
**Muktangan English School & Jr. College,**  
**Pune –9**  
**UNIT TEST – I (2024-2025)**  
**STANDARD - IX**

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Subject: Science & Technology (Part II)

Marks: 10

Date: 08/08/2024

Time: 9.30 am to 10.45 am

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**Q1-A) Fill in the blanks and rewrite the statements- (2)**

1) Male and female flowers of division \_\_\_\_\_ are borne on different sporophylls of the same plant.

2) Conversion of ammonia into a nitrite and then nitrate is called \_\_\_\_\_.

**Q1-B) Write any two characteristics of the plants belonging to the division "Thallophyta". (1)**

**Q2- A) Answer the following questions - (Any 2) (4)**

1) Distinguish between Monocotyledonous and Dicotyledonous plants. (Any 2 points).

2) Equilibrium is necessary in various bio-geo-chemical cycles. Explain.

3) Draw a neat and well labelled diagram of "Funaria".

**Q3 Answer in brief - (Any 1) (3)**

1) Explain the oxygen cycle with suitable diagram.

2) What are the trophic levels in Energy pyramid? Explain with suitable diagram.

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