Name: _____ Grade: ____ Date: _____

## Plant Classification classwork

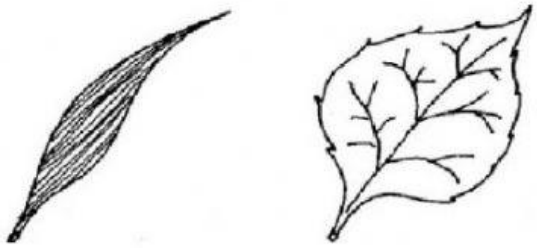
**Section A. Multiple choice**

**Instructions:** Answer all questions by circling or shading the letter next to the correct answer

1. Which science is the study of plants?
   (a) astronomy
   (b) botany
   (c) chemistry
   (d) zoology

2. Which plant group can be found floating on a body of water?
   (a) mosses & liverworts
   (b) algae
   (c) ferns
   (d) gymnosperms

3. Which leaf is from a monocotyledon plant?



**T** **S**

4. Which plant group reproduces by seed-bearing cones?
   (a) gymnosperms
   (b) angiosperms
   (c) algae
   (d) moss

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**Section B. Short answer**

**Instructions:** Answer ALL questions below.

1. What is classification?

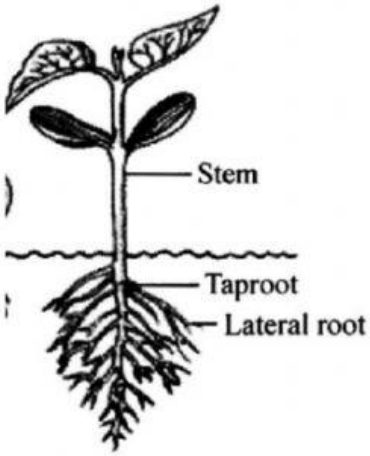
_____

_____ [1]

2. What is the reproductive structure of the plant?

_____ [1]

3. The diagram below shows a young plant.




a) Is this a monocot or dicot plant? State the reason for your answer.

_____

_____ [2]

b) Describe TWO differences between a monocotyledon and a dicotyledon plant.

I. _____

II. _____ [2]

**Total: [10]**

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