

Name: _____

Period: _____ Date: _____

Chapter 5 Test Review: Algae & Marine Plants

(Completed, this is worth a homework grade)

1. Algae belong to which domain? Why?
2. Algae are members of which Kingdom?
3. Which species of brown algae is the fastest growing producer in the sea? How fast can it grow?
4. What is an invasive species? Why can they be bad? Give an example of an invasive species.
5. What is the main difference between marine plants and algae?
6. How are beach dunes created? How are they held together?
7. Why do beach plants grow in the upper beach and not in the lower beach?
8. Where are beach grasses located?
9. List two species of beach plants and how they are adapted to their environment.
10. List two species of marsh grasses and how they are adapted to their environment.
11. List one species of sea grass and how it is adapted to its environment.
12. Where are mangrove trees found?
13. What are prop roots?

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14. What adaptations do mangrove trees have for survival in their environment? Give 3.

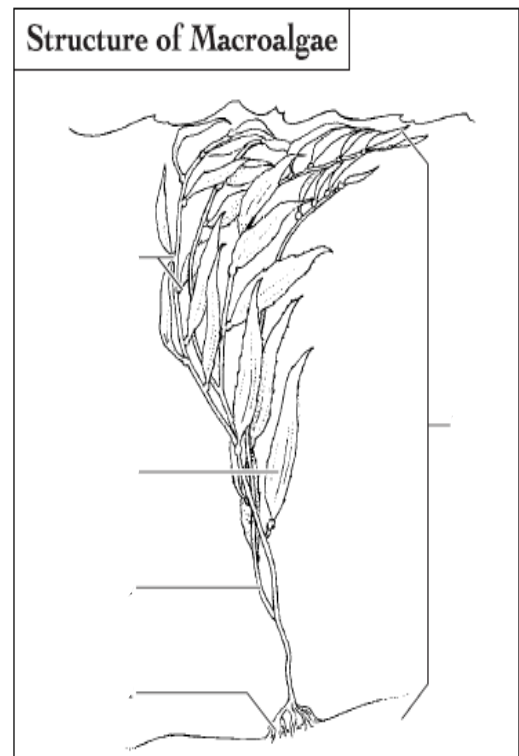
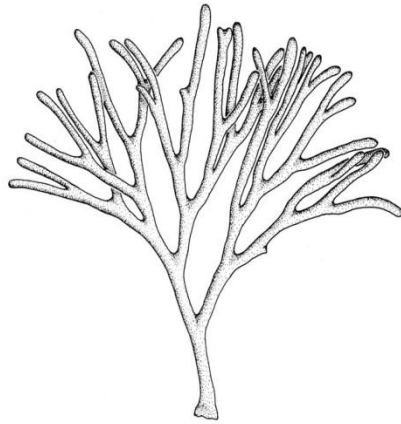
15. How do the roots of mangrove trees help other organisms survive?

16. Why can red algae be found at **greater depths** than either brown or green algae?

17. Which species of brown algae forms large floating mats out at sea? Where is it now causing major problems?

18. Label each of the diagrams of macro-algae below. Use as many terms as apply for each diagram.

Choose from: frond/blade, thallus, holdfast, stipe, air bladder/float



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19. Complete the following table with all of the necessary information:

Algae	Phylum	Pigments	Derivative	Representative Species & characteristics

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