



I. BASIC AQUARIOLOGY

A. Strictly Fishes

Multiple Choices

1. When using a hydrometer to measure salt levels, what are you reading?
 - a. salinity
 - b. alkalinity
 - c. specific gravity
 - d. conductivity

2. When keeping a marine fish system, with a temperature of 78, the typical reading on the hydrometer is:
 - a. 1.000
 - b. 1.020
 - c. 1.010
 - d. 1.025

3. Optimally, pH of marine aquariums should range from:
 - a. 6.5 – 6.8
 - b. 7.4 – 7.8
 - c. 8.6 – 9.0
 - d. 8.0 – 8.4

4. Ideal water temperature for tropical marine fish should range from:
 - a. 65° - 70° F.
 - b. 75° - 80° F.
 - c. 80° - 85° F.
 - d. 85° - 90° F.

5. In the ocean, fish never see levels of nitrates (NO₃) IN EXCESS OF:
 - a. 60 ppm NO₃/N
 - b. 20 ppm NO₃/N
 - c. 50 ppm NO₃/N
 - d. 100 ppm NO₃/N

B. Strictly Fishes

True or False

6. Marine Fish drink water
 - a. True
 - b. False

7. Marine Fish are very sensitive to ammonia, though not as sensitive to nitrites.
 - a. True
 - b. False

8. Water exchanges never need to be performed if you have the right equipment.
 - a. True
 - b. False

9. pH levels in marine aquariums continually fall due to nitrification and may require buffering for optimal results.
 - a. True
 - b. False

10. Bubbling air in an aquarium adds oxygen to the water. Explain your answer...
 - a. True _____

 - b. False _____

C. The Living Reef

Multiple Choice

1. What would be considered an appropriate range of calcium levels?
 - a. 200 – 300 ppm
 - b. 300 – 350 ppm
 - c. 400 – 450 ppm
 - d. 500 – 600 ppm

2. In terms of dkH, what level of alkalinity is desirable?
 - a. 7.0 – 10.0
 - b. 3.5 – 5.0
 - c. 12.0 – 18.0
 - d. 4.0 – 6.0

3. Of the choices below, what temperature is best suited for a typical community tropical reef?
 - a. 71°
 - b. 80°
 - c. 85°
 - d. 76°

4. How much phosphate would you expect to find in a well-maintained reef aquarium?
 - a. 5 ppm
 - b. 1.0 ppm
 - c. .05 ppm
 - d. 10 ppm

5. In a community reef, including fish, the best choice for specific gravity below is:
 - a. 1.019
 - b. 1.020
 - c. 1.035
 - d. 1.023

B. The Living Reef
True or False

6. All tap water is just fine for reef keeping.
 - a. True
 - b. False

7. Iodine is toxic to invertebrates at any level.
 - a. True
 - b. False

8. As a rule, corals are able to touch other corals of unlike species without ill effects.
 - a. True
 - b. False

9. Uncured live rock should not be put into a reef system with established animal life. Explain your answer.....
 - a. True _____

 - b. False _____

10. More bio-media is required to maintain a reef system than in a fish only aquarium. Explain your answer.....
 - a. True _____

 - b. False _____
