



V. DISEASE RECOGNITION AND THERAPY

Multiple Choice

1. Fish which exhibit “white spots” may be suffering from:
 - a. cryptocaryon irritants
 - b. brooklynella hostilis
 - c. micro and myxosprans
 - d. any of the above

2. Exophthalmia is commonly known as:
 - a. pink eye
 - b. cloudy eye
 - c. pop eye
 - d. eye fungus

3. Uremia:
 - a. is a crustacean parasite
 - b. causes skin lesions and open sores
 - c. is a bacterial disease
 - d. has no known cure

4. Bacterial diseases in marine fish:
 - a. are usually secondary
 - b. are usually gram-negative
 - c. are controlled by antibiotics
 - d. all of the above

5. To control protozoan infestations, one may:
 - a. use copper sulphate at .18 ppm (ionic)
 - b. use Formalin at 25 ppm
 - c. employ fresh water baths
 - d. all of the above

6. Lymphocystis is caused by a:
 - a. bacteria
 - b. fungus
 - c. virus
 - d. poor water quality

7. Typically, fish with mycobacteriosis:
 - a. waste away and die
 - b. eat until the very end
 - c. act normally until the end
 - d. bloat, then die

8. Ionic copper in excess of .18 ppm may:
 - a. cause excessive slime buildup
 - b. cause gill hyperplasia
 - c. burn fins
 - d. all of the above

9. Digenetic trematodes:
 - a. are (typically) internal parasites
 - b. require intermediate hosts to complete its life cycle
 - c. posses oral discs (suction cup-like)
 - d. all of the above

10. The majority of fish parasites:
 - a. are microscopic, requiring a microscope for proper identification
 - b. can be effectively treated, if recognized in time
 - c. can cause fish mortality if left untreated
 - d. all of the above

True or False

1. It is highly recommended in order to protect one's investment that a quarantine procedure be established and adhered to.
 - a. True
 - b. False

2. Stress is a very large and integral part in the process of disease progression
 - a. True
 - b. False

3. Fish exposed to disease pathogens almost always get sick and die.
 - a. True
 - b. False

4. When treating diseases, it is critical to administer accurately measured medications.
 - a. True
 - b. False

5. Maintaining marine fish in lowered specific gravity (1.010 – 1.013) is potentially therapeutic against parasites.
 - a. True
 - b. False

6. Torn and/or ragged fins may indicate the presence of monogenetic trematodes.
 - a. True
 - b. False

7. Mycobacteriosis is not a fish-killing disease.
 - a. True
 - b. False

8. Gas bubble disease is usually a result of super saturation and can be fatal.
 - a. True
 - b. False

9. Formalin, copper sulphate, quinine hydrochloride, and even fresh water baths can be very effective in controlling external fish parasites.
 - a. True
 - b. False

10. Good water quality and proper nutrition go a long way in the battle against premature fish death.
 - a. True
 - b. False