

Answer Key for Water Quality Test

Section 1 – Water Ecology

1. False
2. False
3. true
4. false
5. Meniscus
6. Eutrophication
7. Interspecific completion
8. mutualism
9. condensation
10. sublimation
11. evaporation
12. water vapor
13. precipitation
14. ground water
15. chemical addition
16. coagulation / flocculation
17. sedimentation
18. disinfection
19. by geologic time
20. by water circulation
21. fjord
22. partially mixed
23. salt wedge
24. vertically stratified or well mixed
25. bar built
26. Pamlico Sound, N.C
27. Coastal plain
28. Hundson River, N.Y
29. Tectonic
30. SanFrancisco Bay, CA
31. Delta
32. Mississippi, LA
33. Fjord
34. Pudent Sound, WA
35. NO, they are not
36. (any one of these answers) they are landlocked, do not meet open sea, they have little to no production, they have no mixing of fresh / salt water **(TB #2)**

37 AND 38 may include tidal flushing / tides, stratification of water, or weather / seasonal changes

39. Many species of fish and birds use the sheltered estuaries to spawn and reproduce.

40. Sanibel Island, FL **(TB#1)**

IF NEEDED, TIE BREAKER #3 WILL BE TOTAL SCORE ON ESTUARIES MATCHING SECTION, #25-34)

We will then start with test item one and go through test until tie is broken if needed.

ANSWER KEY FOR WQ TEST – SECTION 3

WATER ANALYSIS

1. 7
2. 4
3. False
4. False
5. False
6. True
7. False
8. False
9. True
10. True
11. False
12. True
13. False
14. False
15. C
16. C
17. D
18. D
19. B
20. D
21. D
22. C
23. National Oceanic and Atmospheric Administration
24. A
25. 5%

ANSWER KEY FOR WQ TEST – SECTION 2 – MACROINVERTEBRATES AND INVASIVE SPECIES

1. Asian tiger mosquito (1/2 for mosquito only)
2. Water strider
3. Purple loosestrife
4. Water hyacinth
5. Water boatman
6. Spiny water flea (1/2 for water flea)
7. Water mite
8. Blood midge
9. Dragonfly adult
10. Aquatic sow bug
11. Hellgrammite / dobsonfly larvae
12. Gilled snail
13. They are examples of invasive species
14. Incomplete
15. B