



Trimix Diver Exam

Name _____ Date _____

1. What is the PO_2 of a 12/50 trimix at 103.6 msw?
2. What is the END of a 15/40 trimix at 82.3 msw?
3. What is the best trimix for a dive to 97.5 msw with a PO_2 not to exceed 1.4 and an END of 36 msw?
4. What is the PO_2 of an 18/30 trimix at 76 msw?
5. What would give a longer deco time, a table computed to sea level or to an altitude of 540 metres?
6. How much of the CNS clock (%CNS) is used for a deco stop at 9 msw using EAN80 for 24 minutes?



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17. If a diver omits a deco stop, what should he do?

18. Is a redundant mask necessary? Why or why not?

19. What is the primary cause(s) of CO in a cylinder?

20. Other than adhering to profiles, what is the leading prevention of DCS?

21. Explain the differences between whole body (Pulmonary) oxygen toxicity and central nervous system (CNS) oxygen toxicity? Which is of more concern to the recreational technical diver?



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22. Plan a dive to 80 metres sea water for 15 minutes. Show the gas required as well as the profile. Assume a diver with a RMV rate of 10 litres / minute.

My instructor and I reviewed the questions I answered incorrectly and I fully understand the material.

Signed _____ Date _____