

# NAUI Scuba Course Homework

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Chapter 1

1. Once you have completed the NAUI Scuba course, you will be qualified to

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2. Most dives are easy. However, on every dive there is always a chance that you will need to exert yourself greatly. This is particularly true if you

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, or

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3. The best way to stay fit for diving is to

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### Chapter 2

1. Because you wear most pieces of dive gear directly on your body, \_\_\_\_\_ and \_\_\_\_\_ of each item is extremely important.
2. There is a nose, or finger pocket in a mask so you can \_\_\_\_\_  
\_\_\_\_\_.
3. The snorkel should be between 12 and 14 inches because if it is too short it will \_\_\_\_\_,  
if it is too long, it will \_\_\_\_\_.  
\_\_\_\_\_.
4. You must wear boots with heel-strap fins to \_\_\_\_\_  
\_\_\_\_\_.
5. You should \_\_\_\_\_ your gear with fresh water after every \_\_\_\_\_. Be sure that you do not \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.
6. Most cylinders are made of \_\_\_\_\_.
7. In the United States, hydrostatic testing must be performed every \_\_\_\_\_.
8. Every cylinder valve is equipped with an \_\_\_\_\_  
or \_\_\_\_\_.

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9. Scuba cylinders must be visually inspected internally and externally at least \_\_\_\_\_ at a professional dive shop or dive-equipment repair facility.

10. In the US, Markings on an aluminum scuba cylinder include \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. In the first stage of a regulator the high-pressure air from the cylinder is reduced to \_\_\_\_\_.

12. The second stage of your regulator further reduces the air pressure from \_\_\_\_\_ to \_\_\_\_\_.

13. The \_\_\_\_\_ (\_\_\_\_\_) displays the amount of air pressure remaining in your scuba cylinder in the same way a fuel gage shows how much gas you have left in your car's gas tank.

14. A diving compass must have a reference line, called a \_\_\_\_\_ used as the direction of travel.

15. At least \_\_\_\_\_ you should have your regulator serviced by a certified repair technician.

16. No matter what weight system you choose, you must have \_\_\_\_\_  
\_\_\_\_\_ this is known as a \_\_\_\_\_.

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17. A dive knife is a \_\_\_\_\_  
used for many purposes. It might be used to

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18. The United States dive flag is a

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### Chapter 3

1. If you must move when wearing your fins out of the water, be sure to move by \_\_\_\_\_  
\_\_\_\_\_. Never try to \_\_\_\_\_.
2. No one is responsible for the proper assembly and operation fo your equipment except \_\_\_\_\_.
3. It is easier to don scuba gear when you work together because of \_\_\_\_\_.
4. SEABAG stands for \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. You can us the giant stride entry from \_\_\_\_\_ where the water is no more than \_\_\_\_\_.
6. Whenever the mouthpiece of your regulator is out of your mouth, you must \_\_\_\_\_.
7. At a minimum, you should check your SPG every \_\_\_\_\_ when you are in shallow water and \_\_\_\_\_ when you are in deeper water.

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8. \_\_\_\_\_ continue descending if you feel pressure in your ears and you cannot equalize them.

9. Your rate of ascent must not exceed \_\_\_\_\_ feet / minute.

10. Ripple marks in the sand on the bottom form  
\_\_\_\_\_.

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### Chapter 4

1. Air is composed of approximately \_\_\_\_\_% oxygen and \_\_\_\_\_% Nitrogen.
2. Water is about \_\_\_\_\_ times denser than air.
3. The first visible color to be absorbed is \_\_\_\_\_. The last to be absorbed is \_\_\_\_\_.
4. Heat can be conducted out of your body by direct contact with the water at a rate nearly \_\_\_\_\_ times faster than by air.
5. An object in a fluid is buoyed up by a force equal to the \_\_\_\_\_  
\_\_\_\_\_.
6. Pressure is measured in \_\_\_\_\_ or \_\_\_\_\_.
7. If you took a column of fresh water that was \_\_\_\_\_ feet tall and weighed it, you would also see that it exerted a pressure of about 1 bar (14.7 psi).
8. \_\_\_\_\_ feet of seawater is also equivalent to 1 atmosphere of pressure.
9. One atmosphere of pressure is about \_\_\_\_\_ psi.
10. The inverse relationship between pressure and volume is known as \_\_\_\_\_'s Law.
11. YOU MUST NEVER \_\_\_\_\_  
when breathing compressed air underwater.
12. Whenever the pressure outside an air space is greater than the pressure inside an air space, the situation is called a \_\_\_\_\_.

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13. Always remember to equalize \_\_\_\_\_ and \_\_\_\_\_!
14. Generally, for maximum efficiency, your breathing should be \_\_\_\_\_ than normal and \_\_\_\_\_ than you normally breath.
15. When you have feelings of anxiety and possibly panic, the action to take is to \_\_\_\_\_ what you are doing, \_\_\_\_\_ and \_\_\_\_\_ until you recover, being sure to exhale fully with each breath.
16. A problem called \_\_\_\_\_ can occur if you absorb a great deal of nitrogen and then ascend too quickly.
17. Recovery for Nitrogen Narcosis is as simple as \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
18. When the temperature of a scuba cylinder rises, the gas molecules inside the cylinder also become more active. This causes \_\_\_\_\_.