

Open Water Test Review

Section 1

- 1) What is **Absorption**?
- 2) How does light **refraction** affect what a diver sees?
- 3) List ways to prevent **ear squeeze**
- 4) What causes **pain or wedging sensation** above the eyes?
- 5) How can **sinus squeeze** be prevented?
- 6) What is **absolute pressure**?
- 7) What is **gauge pressure**?
- 8) When unable to **equalize ears** at a given depth, a diver should
- 9) What is the relation between **pressure** and 0-33 feet?
- 10) What are characteristics of **sound** underwater?
- 11) **64 lbs.** and **62.5 lbs.** are the weights of

Section 2

- 12) What are the **Three Basic Rules of SCUBA** (in order)?
- 13) An object that is **Equal to weight of water it displaces** would be
- 14) Recreational divers breathe **pure, filtered compressed air or Nitrox**. What else do they breathe?
- 15) What are the purposes of a **BC**?
- 16) What are the three components of the **Buoyancy Control System**?
- 17) What is the most **efficient breathing pattern** for diving?
- 18) Gear should be **serviced**

Section 3

- 19) When would you take a diver that is **symptomatic of Decompression Sickness** back into the water?
- 20) What requires **special diving computer functions or altitude tables**?
- 21) What are **79% and 21%** of what we breathe?
- 22) What is the most serious type of **overexpansion injury**?
- 23) Three ways to **prevent overexpansion injuries**
- 24) The way you can **best prevent Decompression Sickness** is
- 25) Some **overexpansion First Aid** options would be
- 26) **Maximum ascent rate** when diving

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Section 4

- 27) 3 reasons to use **SSI Total DiveLog**
- 28) Steps of **using a compass to navigate** to a sighted object
- 29) **Residual nitrogen** is defined as:
- 30) **No-Decompression Limit** is defined as
- 31) The best way to **stay within No-Decompression Limits** is to dive
- 32) Some characteristics of a **good dive buddy**
- 33) Why would you search **no more than a minute** and then perform a normal ascent rate during a dive?
- 34) What is the definition of the term **Repetitive Dive**?
- 35) What is the definition of the term **Surface Interval**?

Section 5

- 36) What are 3 ways divers can **help protect the marine environment**?
- 37) **72%** of the earth is
- 38) 3 reasons divers should **avoid contact with corals** are
- 39) Respect **local Marine Park Regulations** when diving
- 40) What **forms coral reefs**?
- 41) 3 likely reasons a diver gets **injured by harmful sea life**

Section 6

- 42) First thing to do when **observing a panicked diver at the surface**
- 43) If you are ever **out of air and a buddy is nearby**
- 44) 3 **causes of panic** are
- 45) **SSI Responsible Diver Code** means
- 46) The **signs of a panicked diver** are
- 47) What is the most important rule when **assisting a panicked diver**?
- 48) How do you become an **SSI Advanced Open Water Diver**?
- 49) What are ways of **preventing panic**?