

DIVER TEST ANSWERS

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How hard is the open water diver exam? The quizzes have 10 questions each and the PADI Open Water Exam has 50 questions. A lot of people worry about the exam, but I can tell you now that the PADI Open Water Exam questions are very easy. Especially if you have a great Dive Instructor, you will have nothing to worry about.

How many questions are on the Padi final exam? Knowledge Development Each section of the manual has a knowledge review to be completed, that will be reviewed by your Instructor and elaboration provided if necessary. There are 4 x 10 question quizzes and a final exam of 50 questions that cover the entire course.

How many times can you take the open water diver exam? Students will be given two attempts to achieve a score of 75 percent or greater on the Final Exam. If the second attempt is not successful, students are directed to meet with their instructor to review any material they don't understand. You then administer the Final Exam to verify student understanding.

How do you know if you are properly weighted for diving if you are PADI? The general rule of thumb for proper weighting is that with all of his gear in place (including tools and accessories), with a nearly empty tank, a diver who completely empties his BCD and holds a normal breath should float at eye level. When he exhales he should sink.

What is a perfect score for a diver? Individual events are scored by a panel of seven judges who recommend a score between 0 (completely failed) to 10 (excellent). The top two scores and the bottom two scores are discarded; the remaining three scores are added together and multiplied by the dive's difficulty rating, known as the degree of difficulty.

What happens if I fail my PADI Open Water exam? The pass mark is 75% IN EACH SECTION. If you get less than 75% in one of the five sections you will be allowed to retake that section later in the IE. If you fail in 2 or more sections, or you fail the retake, you will have to attend a later PADI Instructor Exam and repeat all written exams again.

How many dives do you need for open water? You will earn the PADI Open Water Diver certification that is recognised worldwide. You earn this license by completing 5 sessions in a diving pool or confined water, 5 knowledge development sessions, and by making 4 open water dives.

What is the most important rule in scuba diving? Always breathe continuously. Never hold your breath. As I mentioned earlier, this is arguably the “number one rule” of scuba because breath holding while scuba diving can lead to serious injury, even death.

How many dives for advanced open water? The PADI Advanced Open Water course consists of five dives, which are typically completed over two to three days. Two dives (deep and navigation) are required. The other three dives are up to you and your instructor to decide. These can be done consecutively or spread out at different times and/or locations.

Does open water diver expire? As an PADI Open Water Diver, your certification is good for life. If you do not actively participate in scuba for an extended period of time, however, it's a good idea to refresh your skills through the PADI ReActivate class.

How many feet can an open water diver go? According to the PADI certifying agency, if you are doing your Open Water course and you are over 12 years old, you can dive to 18 meters/60 feet depth. If you are still a junior (from 10 to 12 years old), the maximum depth is 12 meters/40 feet.

How deep is the open water diver course? Qualifications received: PADI Open Water Dive Certificate allows you to scuba dive up to a depth of 60 feet (18 meters), join certified dive tours, rent diving equipment, and take part in advanced PADI diving courses. PADI Advanced Open Water Dive Certificate.

What is the 1 3 rule in diving? In technical diving, the 1/3 Rule ensures divers have enough gas for the descent, return, and emergencies. It divides the total gas supply into three parts: one-third for the descent and exploration, one-third for the return, and one-third as a reserve, enhancing safety in challenging environments.

What to do if you lose your dive Buddy? Slowly do a 360-degree rotation, looking above and beneath you. Stay at one place and don't go swimming around. Look for the distinct signs that may point to the location of your buddy, like bubbles or disturbed sand or silt. If you still can't find them, use sound to attract your buddy's attention.

Can I scuba dive if I am overweight? Researches show that excess fat increases the risk of hypertension (high blood pressure), type II diabetes, excessive serum cholesterol levels, stroke, and cardiovascular disease. It is these health problems that can make you unfit to dive.

Is padi advanced open water difficult? Many people worry the Advanced Open Water Diver course will be more difficult than the Open Water Diver course. The opposite is true (ask any advanced diver or instructor). Remember that the Open Water Diver course is designed to take people who have never put on scuba gear and turn them into underwater explorers.

How many dives do you need for Open Water certification? In order to complete your PADI Open Water Diver certification, you must complete academic training (Aquatic Adventures uses the PADI online Touch program), 5 confined water dives, and 4 open water dives.

Is the Padi Open Water exam multiple choice? A lot of people seem to worry about the open water exams, but they really don't need to. It's 50 questions multiple choice, and by the time you have to do it you will be fully prepared. Your instructor will talk to you about dive theory as part of the course, and you will cover everything that's in the exam.

How deep do you dive for Open Water certification?

How much horsepower does a KTA19 engine have? turbocharged engines and working in many different areas. The horsepower of KTA19 Cummins® engines is up

to 700 HP.

What does kta cummins mean? KTA the K is the series motor, the T is turbo(the twin turbos were KTTA) and the A is aftercooled. The 450HP rating was KT with no aftercooler. The 600's are single turbo.

How many liters is a Cummins KTA?

What is a K19 Cummins? The K19 is proof that dependable high-horsepower performance can be delivered in a compact package. The clean, efficient inline six-cylinder K19 engine design has been in Cummins product line for over 30 years delivering the lowest total cost of ownership while providing maximum productivity and durability.

What K series engine has the most horsepower? The K20C1 arrived in 2015 sporting upgrades that included an improved lightweight crankshaft, beefed-up piston rods, and a new cylinder head, amongst other improvements. The turbo provided 23 pounds of boost and would push the horsepower to over 300, making it the most powerful of the K-series 2.0-liter engines.

How much horsepower can a K24 engine handle? In factory-stock form, a turbocharged K24 can make upwards of 400-500 hp. Beyond the 500-hp mark, though, it would be in the engine's (and owner's) best interest to swap some of the K24's internals for more substantial and race-oriented parts.

How many cubic inches is a kta19? Cummins KT19 diesel engines are 19 liters (1150 cubic inches) displacement 6-cylinder.

How much does a KTA Cummins weigh? [30 L] Net Weight with Standard Accessories, Dry 4,085 lb. [1855 kg] Approx. Overall Dimensions: Width 34.4 in. [874 mm] Length 65.6 in.

What is the most powerful engine Cummins makes? There's no substitute for power – and across the mining sector, engines don't get more powerful than the QSK95. The QSK95 offers the lowest cost of production and highest performance in its class, with availability that comes with legendary Cummins reliability.

What is the smallest Cummins engine made? R2. 8 Turbo Diesel | Cummins Inc.

When did the KTA Cummins come out? Truck History: 1973 Freightliner Powerliner – Its Massive 1150 Cubic Inch Cummins KTA Made It The First 600 HP Diesel Highway Truck. Muscle cars were all the rage in the late sixties and early seventies.

What is the displacement of the Cummins KTA? Displacement: 19 liters (1150 cubic inches) Bore x Stroke: 159 mm x 159 mm. Compression Ratio: 13.8:1. Aspiration: Turbocharged or Turbocharged/Aftercooled.

What is the price of Cummins K19 engine? Brand Cummins K19 KTA19 Marine Diesel Powered-Engine KTA19-C600 Motor 19L Brand Cummins KTA 19 For BELAZ Dump Truck Mining. ?729,532.20.

Does the military use Cummins engines? Cummins provides a wide variety of off-the-shelf engines and generators for military applications.

What is fire ringing a Cummins? With fire ringing, the stock steel fire ring in the Cummins gasket is removed and instead replaced with the mild steel "fire rings".

Are K-series engines fast? In drag racing, the K-series has a torque advantage over the older Honda designs and frequently rulesets allow advantages to the older B and H series engine to even the playing field. The fastest All-motor K-series racers are in the 8's now and the turbo cars are pushing deep in the 7's.

Are all K-series engines the same? Similar to B series, the K-series car engines have two short blocks with the same design; the only difference between them being the deck height. K20 uses the short block with a deck height of 212 mm (8.3 in) where K23 and K24 block has a deck height of 231.5 mm (9.1 in).

Are K-series engines reliable? As with many of Honda's creations, the K-Series engines are considered one of the most reliable engine families to date. It's not just because of robust parts, either, although the K-Series motors were treated to beefed-up internals that were forged rather than cast for better durability.

Which K motor is best? Specifically, the JDM K24A engine with head code RBB-3 and / or RBB-4 are the best k series engines you can buy for your k-swap. How do you tell if a K24A is High Compression? Check the head code (located underneath

cam angle sensors) for "RBB-" followed by either 1, 2, 3 or 4.

What is better, K20 or K24?

Why are K24 engines so popular? The Honda K24 engine has garnered significant attention in the automotive community due to its impressive performance and reliability. Enthusiasts and tuners praise the K24's robust design, high power output, and versatility.

How much horsepower does a KTA19 have? Cummins Marine KTA19-M3 600 HP This engine is widely used on boats, fishing boats, yachts, motorboats, tug boats, cargo ships, passenger ships, barges, etc.

What is the rpm of the KTA19? The engine may be operated at: 1800 RPM up to 5,000 ft. (1525 m) and 104 °F (40 °C) without power deration. 1500 RPM up to 5,000 ft.

What is a 855 Cummins? The current model, the Big Cam II, is a turbocharged, four-stroke, in-line, six-cylinder engine with 855 cu. in. displacement. Examples of its application are commercial heavy-duty trucks (bulk of the market), large articulated farm tractors, commercial fishing boats, and generator sets (standby or continuous duty).

How much horsepower does a LT9 engine have? The LT9's listed specifications are 160 hp (119 kW) at 3,800 rpm and 250 lb·ft (339 N·m) of torque at 2,800 rpm with 8.3:1 compression. LT9 engines were carbureted with Rochester Quadrajets from the factory and generally have four-bolt mains.

How much horsepower does a KTA 600 Cummins have? KTA-600 Cummins Rumored to be capable of belting out 1,000hp without breaking a sweat, it's no wonder this 19.0L I-6 used to be the go-to engine for most of the semi's on the sled-pulling circuit.

How much HP does a K24 factory have? Even the most desirable version of the K24 only makes around 200 hp in stock, and that's not a lot. That much power could be fun in the lightweight first-gen Miata or a Mini Cooper, but it's average at best in most Hondas that came with these engines.

What are the specs of the Ktta 19? Rate this machine now! The Cummins KTTA19 engine, manufactured from 2017 to 2021, is a 19-liter machine component weighing 2722 kilograms. It features 6 cylinders with a bore and stroke of 159 mm. With a maximum torque of 2731 Nm, it operates at a maximum power of 522 kW and a minimum power of 336 kW at 2100 RPM.

What is the difference between the LT1 and L86 engine? The 6.2L L86 is very similar to the passenger car LT1 with the only real changes to the intake and exhaust. The truck engine employs a longer-runner intake manifold and deeper oil pan, but beneath the skin, the two engines are identical.

What does Chevy LT1 stand for? The LT1 got its name from the original LT-1 solid lifter, high compression 350 cubic inch small block used in early 1970s Corvettes and Camaros, and the 1990s version would find its way into the same cars.

How much horsepower does a L89 engine have? The most balanced engine for the 1969 Corvette was the L89 "big-block," factory rated at 435 horsepower. The engine featured a four-bolt main block topped with a pair of high-flow, lightweight aluminum heads.

Is a 903 Cummins a v8? Engine Design - Proven and battle-verified 4-stroke 903 cubic inch (14.8L) 90° V-8 architecture with high power-to-weight and power-to-size ratios enabling more troop and equipment capacity and armor for higher vehicle survivability.

What is the strongest Cummins truck engine? The 6.7L Cummins diesel engine is unquestionably one of the best diesel truck engines around. It's available on the heavy-duty RAM 2500 and the heavy-duty RAM 3500, where it produces the following output: Power — 400 horsepower.

What is the smallest Cummins engine made? R2. 8 Turbo Diesel | Cummins Inc.

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What is better, K20 or K24?

What year is the best K24? The K24A2 from the 2004-2008 TSX is the most potent K24 in stock form, and can also be built to make significantly more N/A power. The JDM K24A engines with an RBB head are nearly identical to the TSX engines and are also a great starting point.

What is the summary of Ikigai the Japanese secret to a long and happy life?

Ikigai reveals the secrets to their longevity and happiness: how they eat, how they move, how they work, how they foster collaboration and community, and—their best-kept secret—how they find the ikigai that brings satisfaction to their lives. And it provides practical tools to help you discover your own ikigai.

Is it worth to read the Ikigai book? Ikigai is in all of us and this book without a doubt will help you to dig deep within yourself and find your purpose:) Great life lessons from those who know how to live well. Bought it as a tool to better understand how to get the most of life. Really insightful lessons from those who live long and happy lives.

What are the 7 rules of ikigai?

What is the 80% rule ikigai? Don't fill your stomach: According to Ikigai, one of the secrets to living a long and healthy life is to avoid overeating. The book suggests eating until you're about 80% full, leaving a bit of space in your belly. Surround yourself with good friends: Nothing makes you feel more alive than having fun with friends.

What are the 4 points of Ikigai? Explore the convergence of ikigai's four primary elements: what you love (your passion), what the world needs (your mission), what you are good at (your vocation), and what you can get paid for (your profession).

What does Ikigai teach us? What does ikigai mean? Ikigai is a Japanese term that blends two words: “iki” meaning “to live,” and “gai” meaning “reason,” which translates to “a reason to live.” It's a concept that encourages people to discover what truly matters to them and to live a life filled with purpose and joy.

Can a beginner read ikigai? Reading about so many different things tied to the core concept of Ikigai without going into depth can only lead to basic awareness. So, the book is good for beginners who are exposed to these topics for the first time.

Why is ikigai so popular? Ikigai is all about living your life with a purpose it's a great book that you'll ever read, this is why it's so popular.

Which is better ikigai or Alchemist? Yes The Alchemist is the best book to start reading.

What are the 4 pillars of Ikigai? Ikigai is a Japanese framework for happiness & meaning in life. There are 4 pillars of Ikigai: Love, Skill, Needs, & Money.

What are the 4 P's of Ikigai? To find your Ikigai, you have to understand four elements: What you are good at (Purpose) What you can get paid for (Profit) What the world needs (Problems)

How many hours to read Ikigai? I just completed the book Ikigai. Reading the book was a positive experience. I feel that this is a good book if you are looking for lifestyle changes and developing some good habits. The book is a quick read and will take approximately 3–4 hours to complete.

How do I apply ikigai to my life?

What is the Japanese key to happy life? According to the Japanese, everyone has an ikigai—a reason for living. And according to the residents of the Japanese village with the world's longest-living people, finding it is the key to a happier and longer life.

What is the rule 4 of ikigai? 4. Surround yourself with good friends. “Friends are the best medicine, there for confiding worries over a good chat, sharing stories that brighten your day, getting advice, having fun, dreaming . . . in other words, living.”

What is an example of ikigai in real life? Ikigai isn't alike for different sets of people. For example, the nurse's Ikigai is to help others and heal them. Making a difference in people's lives gives her a sense of purpose in life. A teacher's Ikigai is to empower students and help them succeed.

What is ikigai food? The Ikigai diet is deeply rooted in the traditional eating habits of Okinawa, a region in Japan renowned for its high number of centenarians. Key components of this diet include: Plant-Based Foods: The cornerstone of the Ikigai diet is a plant-based diet. Okinawans consume a variety of vegetables, legumes, and fruits.

What is ikigai formula? According to psychologist Katsuya Inoue, ikigai is a concept consisting of two aspects: "sources or objects that bring value or meaning to life" and "a feeling that one's life has value or meaning because of the existence of its source or object".

How to fill out an ikigai chart? By filling in the four circles of an ikigai template, you can slowly identify your true purpose in everyday life. The sections where two rings intersect are positive areas; the sections where three rings overlap are even better; and the center—where all four rings coincide—is the ultimate sweet spot.

Is ikigai spiritual? Ikigai can encompass your life purpose, but the word is usually used to indicate the things that make one's life worthwhile. On a deeper level ikigai refers to the mental and spiritual circumstances under which individuals feel that their lives are valuable as they move forward towards their goals.

What is the Japanese symbol for ikigai? Ikigai is generally written as 生きがい, a compound of the verb, 生きる (ikiru), and がい (gai) . The kanji character 生, has multiple readings and meanings, but is generally associated with life or living things.

Is ikigai good or bad for you? Ikigai is good for your heart. A seven-year long study with more than 40,000 Japanese adults found evidence that people with a low sense of ikigai had a higher overall mortality risk, mostly due to higher cardiovascular disease.

Why is ikigai so famous? 4. Why is 'Ikigai' so famous? 'Ikigai' is famous and widely-read because it shares a lot of actionable advice on how to take life slow, be healthy, and make your life meaningful.

How do I know if I have ikigai? Your Ikigai is the intersection of what you love, what you are good at, what you can be paid for and what the world needs. Ikigai discovery can be a long and difficult process, but it is ultimately very rewarding. The

concept of Ikigai is unique to every individual; therefore, there is no one-size-fits-all solution.

What famous people are ikigai? Famous people like Mother Teresa and Martin Luther King Jr. showed us their ikigai by fighting for a cause that they believed in. Parents, in particular, do everything they can to care for their children.

What do Japanese people think of ikigai? Ikigai gives individuals a sense of a life worth living. It is not necessarily related to economic status. Behaviours which make one feel ikigai are not actions which individuals are forced to take, but they are spontaneous activities which people undertake willingly.

Is it worth buying ikigai books? If you enjoy collecting books and want to read something worthwhile then buy it. It's decent, and you may like it. However, if you're feeling extremely stressed about your life and are looking for a self-help book, this one may not provide complete assistance.

SIT: Systematic Inventive Thinking

What is SIT? SIT is a problem-solving methodology developed by Genrich Altshuller in the 1950s. It is based on the idea that all problems have a limited number of generic solutions. By recognizing these generic solutions, SIT systematically guides users through a process of identifying and solving problems in a creative and efficient manner.

How does SIT work? SIT consists of a set of tools and techniques that help users:

- Define the problem clearly
- Identify the underlying generic solution
- Generate multiple solutions
- Select and implement the best solution

What are the benefits of using SIT? SIT offers several benefits, including:

- Improved problem-solving effectiveness
- Increased creativity and innovation
- Reduced time and effort spent on problem-solving

- Better quality of solutions

How can I learn more about SIT? There are various resources available to learn more about SIT, such as books, articles, and online courses. Some popular resources include:

- "The Innovation Algorithm" by Genrich Altshuller
- "Systematic Inventive Thinking" by Sam Waters
- "The SIT Toolkit" by David Gann

Is SIT effective? SIT has been used successfully in a wide range of industries, including engineering, manufacturing, healthcare, and business. Numerous case studies have demonstrated its effectiveness in solving complex problems and generating innovative solutions.

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