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Asvab vocab practice

Our ASVAB practice tests cover all nine categories of the ASVAB test. We recommend that you take a minimum of one practice test from each category to ensure you score highly at your local testing center. Select any category below to get started. Starting a career in the military requires preparation, unwavering dedication and a strong knowledge base. All branches of the military including the Army, Navy, Air Force, Marines, National Guard, and Coast Guard use the ASVAB to gauge your knowledge and skills in key areas for placement. Here at ASVAB Tutor we understand the significance of being prepared for the challenges that the Armed Services Vocational Aptitude Battery (ASVAB) presents. That's why we provide ASVAB Practice Tests for 2025 that comprehensively cover all nine categories of the ASVAB exam. Whether you need to brush up on General Science, delve into Mathematics Knowledge or explore essential subjects such as Word Knowledge, Electronics Information and Mechanical Comprehension our practice tests are specifically designed to equip you with the confidence and expertise needed to excel. Each test category is meticulously crafted to closely resemble the ASVAB test ensuring you have an effective study experience. Why Practice with Us? Comprehensive Coverage: From Arithmetic Reasoning to Assembling Objects, our practice tests cover all areas of study found on the real ASVAB exam. Realistic Simulation: Our practice tests have been designed to simulate the real exam as closely as possible. Expect questions on the same concepts and subject matter. Instant Feedback: Each question includes instant feedback with detailed explanations to help you focus on areas that need attention. What is Assessed in the ASVAB Exam? The ASVAB exam is structured as a multiple choice test, with a total of nine sections; Arithmetic Reasoning (AR) Mathematics Knowledge (MK) Word Comprehension (MK) General Science (GS) Automotive and Shop Information (AS) Mechanical Comprehension (MC) Electronics Information (EI) Paragraph Comprehension (PC) Assembling Objects (AO) Note the core sections in bold contribute to your Armed Forces Qualification Test (AFQT) score. If you are limited on preparation time, its important to focus on doing well on the mathematics knowledge, word knowledge, paragraph comprehension, arithmetic reasoning and general science sections. ASVAB AFQT Section Overview: Section Name Number of Questions Time Allotted Content Covered AR 20 30 minutes Arithmetic problems WK 15 20 minutes Vocabulary PC 15 20 minutes Reading comprehension MK 20 30 minutes Math concepts It's worth mentioning that the ASVAB exam isn't just for individuals interested in joining the military. It's also open to civilians who are considering career paths in fields like engineering or law enforcement. The effective way to prepare for the ASVAB exam is by utilizing practice tests, which allow you to familiarize yourself with the question types and test format. This will boost your confidence when you actually sit for the exam. To increase your chances of passing the ASVAB test it's advisable to use ASVAB practice tests that cover all sections of the exam. These tests provide real life questions ensuring that you have an understanding of all topics covered in the exam. Unlock Opportunities with a High ASVAB Test Score Achieving a high score on the Armed Services Vocational Aptitude Battery (ASVAB) exam is crucial for securing preferred placement and additional opportunities within the military. If you're considering joining the armed forces you might be interested in knowing how to improve your chances of boosting your ASVAB score. Well the good news is that there are indeed methods to enhance your knowledge and understanding of what will be evaluated. Among these methods one stands out; utilizing ASVAB practice tests. These invaluable study resources enable you to tackle real life questions ensuring a grasp of all exam topics and concepts. Your AFQT score (Armed Forces Qualification Test) serves as the measure for assessing your eligibility for service. The higher your AFQT score, the the range of opportunities to you within the military. The score ranges from 0-99 this score and is determined by your performance on the ASVAB test. The AFQT score is calculated using the following formula: $AFQT\ Score = 2(AR + MK) + WK + PC$ ASVAB scores carry importance as they serve as screening criteria for military positions and programs. A higher ASVAB score opens up avenues for advancement in the military. ASVAB scores have the potential to open doors for unique programs and help you secure the best possible position within the military. The CAT-ASVAB examination consists of 135 questions that must be answered within a time limit of less than 198 minutes. The AFQT part of the test encompasses four sections each scored between 20 and 80 points resulting in a score ranging from 20 to 80 points each. These crucial sections cover topics such as mathematics knowledge, word knowledge, paragraph comprehension and arithmetic reasoning. ASVAB Test Lengths and Time Limits CAT-ASVAB P&P-ASVAB Test Test Length Time Limit Test Length Time Limit GS 15 Questions 12 Minutes 25 Questions 11 Minutes AR 15 Questions 55 Minutes 30 Questions 36 Minutes WK 15 Questions 9 Minutes 35 Questions 11 Minutes PC 10 Questions 27 Minutes 15 Questions 13 Minutes MK 15 Questions 31 Minutes 25 Questions 24 Minutes EI 15 Questions 10 Minutes 20 Questions 9 Minutes AI 10 Questions 7 Minutes -- SI 10 Questions 7 Minutes -- MC 15 Questions 22 Minutes 25 Questions 19 Minutes AO 15 Questions 18 Minutes 25 Questions 15 Minutes Total: 135 Questions 198 Minutes Total: 225 Questions 149 Minutes Math Knowledge Practice Tests (MC) Amongst the core sections of the ASVAB exam is math knowledge. This section consists of questions on basic operations, fractions and decimals, measurement, geometry and algebra. To increase your likelihood of performing in this section it would be beneficial for you to utilize ASVAB math knowledge practice tests as a means to refresh your memory on concepts and formulas. These may include Addition and subtraction of fractions Conversion, between decimals and fractions as vice versa Solving basic equations Grasping elementary principles of geometry such as points, lines, angles and basic shapes Sample questions from the math knowledge test could involve: Determining the volume of a rectangular solid with dimensions measuring 12 inches by 14 inches by 16 inches. Finding the perimeter of a rectangle with a length of 25 feet. Width of 15 feet. Calculating the number of centimeters within a can that has an open top diameter measuring 13 centimeters and a height (including its bottom rim) of 19 centimeters. Word Knowledge Practice Tests (WK) The word knowledge (WK) section on the ASVAB test features questions relating to synonyms, antonyms and vocabulary words. To enhance your performance in this area it is recommended that you engage in ASVAB word knowledge practice tests that focus on reviewing basic concepts and definitions. Moreover, from practicing skills through these exercises you can also improve your comprehension of how these terms are employed within various contexts by reading numerous articles and passages whenever possible. ASVAB word knowledge concepts encompass areas such as synonyms, antonyms and determining word meanings based on context. To enhance your preparation for this section of the ASVAB tools include a thesaurus, dictionary and crossword puzzles. General Science Practice Tests (GS) The ASVAB general science test covers a range of topics in earth and space science as well as physical sciences like biology, chemistry, physics, astronomy. It also includes knowledge about Earth and space. To maximize your effectiveness during the test it's important to be efficient since there are no penalties for answers. The general science subtest primarily consists of 90% general information questions and 10% specific information that you may not be as familiar with. What types of questions can you expect to encounter on the ASVAB general science test? The ASVAB general science test comprises both multiple choice questions and some drag and drop questions. It is worth noting that certain questions offer up to four answer choices from which you must select the one. Additionally it's important to be aware that some questions on the science test may be more challenging due to their basis, in a range of scientific disciplines. Here are some examples of the types of questions that might come up including those that involve vocabulary words and concepts, from physical sciences like electromagnetism, astronomy and chemistry. Let's take a look at a science questions you may encounter on the ASVAB general science subtest: Can you explain what a physical change is? Imagine a scientist observing that as a black body cools down the color of its shifts from red to violet. What kind of change is this an example of? How would you best describe photosynthesis? When we talk about the energy of an object what are we referring to? How would you define heat in terms? Paragraph Comprehension Practice Tests (PC) The Paragraph Comprehension (PC) section in the ASVAB exam focuses on your ability to understand written material effectively. In this subtest, you will read a paragraph on a topic. Answer questions based on its content. This section consists of 12 questions which must be completed within 10 minutes. To improve your performance in this section it's beneficial to practice with ASVAB paragraph comprehension tests. These practice tests can help you review concepts and strategies for answering questions accurately. The paragraph comprehension questions on the ASVAB typically focus on identifying supporting details and locating information within a text. Mechanical Comprehension Practice Tests (MC) In the comprehension section of the ASVAB exam you will encounter questions related to physics and engineering concepts. To enhance your performance in this section it's beneficial to utilize practice tests specifically designed for ASVAB comprehension. These tests will help you review principles and formulas such as velocity, acceleration, force, energy and power. Examples of test questions may involve calculating an object's velocity, determining the required force to move an object or solving for energy or power in a given situation. Electronics Information Practice Tests (EI) The ASVAB electronics information section assesses your knowledge of concepts, circuits and systems. To improve your performance in this area it is recommended to utilize ASVAB Electronic Information practice tests which cover concepts and formulas. voltage current resistance capacitance inductance Examples of concepts covered in the ASVAB electronics information test include: Calculating voltage in a circuit Determining the flow of current in a circuit Understanding Ohm's Law Calculating the capacitance of a capacitor Grasping the principles of alternating current Arithmetic Reasoning Practice Tests (AR) The arithmetic reasoning section of the ASVAB test assesses your skills in operations, fractions and decimals, measurement, geometry and algebra. To improve your performance in this section it is beneficial to practice with ASVAB Arithmetic Reasoning practice tests. These tests will allow you to review concepts and formulas such as; Adding and subtracting fractions. Converting decimals to fractions and vice versa. Solving equations. Understanding concepts in geometry like points, lines, angles and basic shapes. The arithmetic reasoning practice test section provides a variety of math problems and solutions that will enhance your comprehension of this subject matter. Additionally you can find tips, on how to approach these questions and solve them accurately by referring to the Arithmetic Reasoning study guide. You should anticipate encountering Arithmetic Reasoning questions on the exam that are similar to the examples provided below; If you have a rectangle with a length of 12 feet and a width of six feet what would be its perimeter? A plumber charges \$25 for a service call along with \$50 per hour for their work. What will be the cost for four hours of their service? Auto and Shop Information Practice Tests (AS) The ASVAB tests auto and shop information section consists of questions related to automotive concepts, tools and essential repairs. To enhance your performance in this section it is recommended to practice using ASVAB auto and shop information tests that cover concepts and formulas such as: Types of fuel Understanding how an engine functions Electrical wiring principles Basics of simple machines Introduction to carpentry and masonry Questions in this section typically involve topics commonly taught in high school auto and shop courses, including identifying tools used in shops, understanding building materials, interpreting engine diagrams and grasping the fundamentals of systems. Assembling Objects Practice Tests (AO) The Assembling Object section of the ASVAB test involves assembling objects based on given pictures or assembling two or more shapes together. To increase your chances of performing in this section it is recommended to utilize ASVAB Assembling Objects practice tests for reviewing concepts and effective strategies in quickly and accurately answering these questions. These include: Putting objects together, like pencils, books, paper clips and so on Predicting the appearance of three figures when rotated in directions Determining the placement of parts based on their shape considering factors like corners versus smooth edges This section primarily assesses spatial abilities through questions that always incorporate 2D and 3D visuals. Optimizing Your ASVAB Test Preparation Utilize ASVAB practice tests to familiarize yourself with the question types that will be encountered in this test. Prior to taking the exam attempt timed full length practice exams to enhance stamina and feel more comfortable during the testing period. Employ study materials such as flashcards as well as comprehensive ASVAB study guides as they can be the key to help refresh your memory of the subjects you studied in high school. Begin by focusing on your areas of weakness so that you can make substantial improvements within a shorter timeframe. Take breaks as needed but avoid studying for more, than an hour without allowing yourself some downtime. How Practice Tests Can Help Practicing with online ASVAB practice tests not only helps you become familiar with the subject matter but also aids in retaining information over the long term. By incorporating these strategies into your study routine, you'll be able to prepare for the range of topics covered on the ASVAB exam. When it comes to preparing for the Armed Services Vocational Aptitude Battery there are reasons why practicing with tests can be advantageous. Let's explore seven of them. Instant Feedback: Detailed answer explanations accompany each question providing you with an understanding of the material. Identify Strengths and Weaknesses: Practice tests help guide your study efforts by revealing your strengths and weaknesses in areas. This way you can focus more on improving areas where you need attention. Using resources that offer questions is a great way for students seeking additional preparation to achieve their goal. Taking timed full length exams will also provide insights into their strengths and weaknesses which can be helpful for studying in general. By testing your knowledge across subject areas you'll have an understanding of what kind of questions to expect on exam day and reduce any surprises. Improved Focus: Engaging in reading of content can cause your mind to wander. However taking practice tests offers a change. Keeps you engaged with the material. Interactive practice tests offer benefits over relying on static textbooks. They allow you to track your progress and performance efficiently, identify areas where further study is needed before moving with material and encourage consistent review and retention of previously learned information. This makes it easier to recall the information when faced with time constraints on exam day. Save Time: Practice exams help you concentrate on the crucial content while avoid wasting valuable study time on irrelevant material. Track Your Performance: After completing a practice test reviewing your results becomes crucial. This allows you to identify the questions you answered incorrectly and commit the answers to memory. Build Confidence: Building confidence through practice tests is crucial. Going into the ASVAB uncertain about what to expect or unsure if you have studied the material taking similar tests that cover commonly tested content can provide you with valuable knowledge, boost your confidence and make you feel more at ease on test day. Simulate Real ASVAB Exam Conditions: Our expertly crafted practice tests have been designed to closely resemble the exam format ensuring that you become familiar with the question and answer styles as well as concepts you will typically encounter. By simulating the test day conditions nothing will catch you off guard. You will be well prepared and accustomed to transitioning between concepts—a skill frequently required in exams like ASVAB. For example, on the math section you may have a problem using one popular math principle followed by another problem that relies on a completely different principle. This is common on a broad test like the ASVAB and preparing your mind to make these leaps can allow you to answer more questions in less time and boost your score. Take the First Steps Toward a New Career in the Military Military placements can be competitive so it is essential to take every possible step to increase your chances of being selected. The ASVAB test can be challenging however with the right tools and a focused study plan you can reduce test anxiety while achieving your desired score and MOS (Military Occupational Specialty). Give yourself the best shot at success by including ASVAB practice tests as part of your preparation routine before you head to your local MEPS (Military Entrance Processing Station). This is another free ASVAB Word Knowledge practice test. You will have 8 minutes to complete these 16 questions. This is designed to measure your vocabulary skills and your ability to define words as they are used in context. All of our tests are scored instantly and include answers with detailed explanations. Continue your test prep right now with our ASVAB Word Knowledge questions. Congratulations - you have completed . You scored %%SCORE%% out of %%TOTAL%%. Your performance has been rated as %%RATING%% Your answers are highlighted below. There are 16 questions to complete. Next Test: Paragraph Comprehension 2 >> The Word Knowledge subtest of the ASVAB requires you to both be able to differentiate words based on their spelling and to know what various words mean. In other words, this section of the test is all about your vocabulary. This section is also one of the four sections that make up your AFQT score, which determines your eligibility for military service. In addition, a good score on this section is required for a number of military jobs, everything from the obvious firefighter position to the maybe not so obvious firefighter position. Here are some sample questions you may be asked in this section: Evocation most nearly means As he grew older, John began to show a proclivity for baseball. What does proclivity mean? Debauchery most nearly means To test your current word-knowledge skills, we recommend taking our Word Knowledge Practice Tests, which is filled with questions that are similar to what you will find on the real ASVAB. Taking this practice test will help you develop the knowledge you need to earn a high score. It will also help you get familiar with the CAT-ASVAB test-taking process so that you feel more confidence and comfortable when you go to take the real test. In addition to taking our practice tests, you may also want to consult our study guides for additional study tips and information that can help you increase your score even more. Don't forget you can take our practice test as many times as you like and each time you do take it we will reorder the questions to create a new learning experience for you. This section on the CAT-ASVAB has 16 questions, which you must answer in 8 minutes. This section on the paper ASVAB has 35 questions that you have 11 minutes to answer. Here is our free ASVAB Paragraph Comprehension practice test. This test consists of 11 questions which must be completed within 22 minutes. These questions are designed to measure your reading comprehension skills. You are provided with a paragraph to read followed by one question about that paragraph. Read each passage carefully! Congratulations - you have completed . You scored %%SCORE%% out of %%TOTAL%%. Your performance has been rated as %%RATING%% Your answers are highlighted below. There are 11 questions to complete. Next Test: Math Knowledge >>