Antenna theory objective question answers

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What is the objective question answer test? Objective tests require recognition and recall of subject matter. The forms vary: questions of fact, sentence completion, true-false, analogy, multiple-choice, and matching. They tend to cover more material than essay tests. They have one, and only one, correct answer to each question.

What is the objective of antenna? An antenna is a device that is made out of a conductive, metallic material and has the purpose of transmitting and/or receiving electromagnetic waves, usually radio wave signals. The purpose of transmitting and receiving radio waves is to communicate or broadcast information at the speed of light.

What is the gain of an isotropic antenna MCQ? The gain of an antenna is the ratio of the radiation intensity in a given direction to the radiation intensity that would be obtained if the power were radiated isotropically.

Which type of energy wave do antennas use to communicate information? In transmission, a radio transmitter supplies an electric current to the antenna's terminals, and the antenna radiates the energy from the current as electromagnetic waves (radio waves).

How do you pass an objective question?

What are some examples of objective questions? Objective questions are those based in fact, where a respondent's answer can be determined as right, wrong, true or false. An example of an objective question would be to ask where someone lives or what they bought from your store.

What is the theory of antenna? The fundamentals of antenna theory requires that the antenna be "impedance matched" to the transmission line or the antenna will not radiate. The concept of VSWR is introduced as a measure of how well matched an antenna is. Bandwidth. The bandwidth of an antenna is the frequency range over which the antenna radiates.

What is the basic principle of antenna? The antenna converts the electric current to radio waves that are transmitted out in all directions. A receiving antenna intercepts EM waves transmitted through the air. From these waves, the antenna generates a small amount of current, which varies depending on the strength of the signal.

What is the purpose of the antenna? An antenna is a metallic structure that captures and/or transmits radio electromagnetic waves. Antennas come in all shapes and sizes from little ones that can be found on your roof to watch TV to really big ones that capture signals from satellites millions of miles away.

What is antenna gain in antenna theory? Antenna gain is the measure of an antenna's ability to radiate a signal in any direction compared to the theoretical isotropic radiator. Antenna gain is typically given in decibels relative to isotropic (dBi). While it is closely related to directivity, it also considers the efficiency of the antenna.

How will you increase the gain of an antenna? Size matters when it comes to gain. Larger directional antennas are capable of higher gain figures based on increased surface area and aperture. The composition of materials used, such as brass, copper or aluminum, impact overall antenna efficiency for converting electrical signals into radiated signals.

What factors determine antenna gain?

What type of antenna has the highest gain? The parabolic antenna offers the highest gain, typically exceeding 30 dB, focusing signals into a narrow beam.

What type of energy is transmitted from antennas? Taken together, all forms of electromagnetic energy are referred to as the electromagnetic "spectrum." Radio waves and microwaves emitted by transmitting antennas are one form of ANTENNA THEORY OBJECTIVE QUESTION ANSWERS

electromagnetic energy. They are collectively referred to as "radiofrequency" or "RF" energy or radiation.

How does current flow in an antenna? We know that an electric current in a conductor is simply a mass migration of free electrons. If the current is alternating, as in an antenna, the free electrons in a given locality move back and forth in unison.

How do you answer an objective question? Read each question carefully. Determine if you must choose the one right answer, all right answers, or the one answer that does not apply. Read each answer carefully. Before choosing, look for options such as "All of the above," "None of the above," or "Both A and B."

What are objective questions like? Objective question types. The most well-known and commonly used objective question type, is a multiple choice question which is a question with a number of options of which a student must select the correct or most correct option.

What is the most common correct answer choice? I'm sure you've heard this at some point "if you don't know the answer, always guess C. because it's the most common correct option". That's just a myth, and generally there are no most common answers on multiple choice tests.

What are 2 examples of objective?

What is the objective question? What is an objective question? An objective question is a short question, which may be of various question types, that is automarked and worth two marks. These may be single, 'stand-alone' questions (except for AA) or groups of five questions based on a common scenario.

What are short objective questions? Objective Questions means that it has a specific answer and you cannot add your own opinion or answer. Objective Questions include Fill in the Blanks, True or False, Name the following, Odd Man Out, Multiple Choice Questions or Multiple Choice Questions with two Answers, etc.

What is an objective question on a test? Objective exams include true-false, fill-in-the-blank, matching, and multiple choice questions. The word objective refers to the scoring and indicates there is only one correct answer. Objective tests rely heavily on your skill to read quickly and to reason out the answer.

What is the meaning of objective question answer? Objective type questions are those that require a specific answer. An objective question usually has only one potential correct answer and there is no option to give your own opinion. ... These questions include matching, true/false, and multiple-choice, fill-ups etc.

What is the objective of a test? The objective of testing is to ensure that the software is reliable, efficient, and meets the user's requirements. Preventing defects is an essential part of the testing process. If defects are not prevented, they can become errors or bugs in the final product, which can lead to significant problems.

How do you answer a question objectively?

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