
NOCTI GA Engineering & Technology Study Guide

Questions with Complete Solutions

CAD - Correct Answers computer aided drafting

plot plan - Correct Answers diagram showing everything at the project site at a set scale

floor plan - Correct Answers diagram showing arrangement of rooms and furniture at a set scale

elevation plan - Correct Answers diagram showing the external face of a building showing height at a set scale

foundation plan - Correct Answers diagram showing the plane view of a structure at a set scale

specification sheets - Correct Answers a document describing the specifications a product or property

Brainstorm - Correct Answers A group technique for solving problems, generating ideas, stimulating creative thinking, etc. by unrestrained spontaneous participation in discussion.

Client - Correct Answers A person using the services of a professional person or organization.

Creativity - Correct Answers The ability to make or bring a new concept or idea into existence; marked by the ability or power to create.

Criteria - Correct Answers A means of judging. A standard, rule, or test by which something can be judged.

Constraint - Correct Answers 1. A limit to a design process. Constraints may be such things as appearance, funding, space, materials, and human capabilities. 2. A limitation or restriction.

Design - Correct Answers 1. An iterative decision-making process that produces plans by which resources are converted into products or systems that meet human needs and wants or solve problems. 2. A plan or drawing produced to show the look and function or workings of something before it is built or made. 3. A decorative pattern.

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