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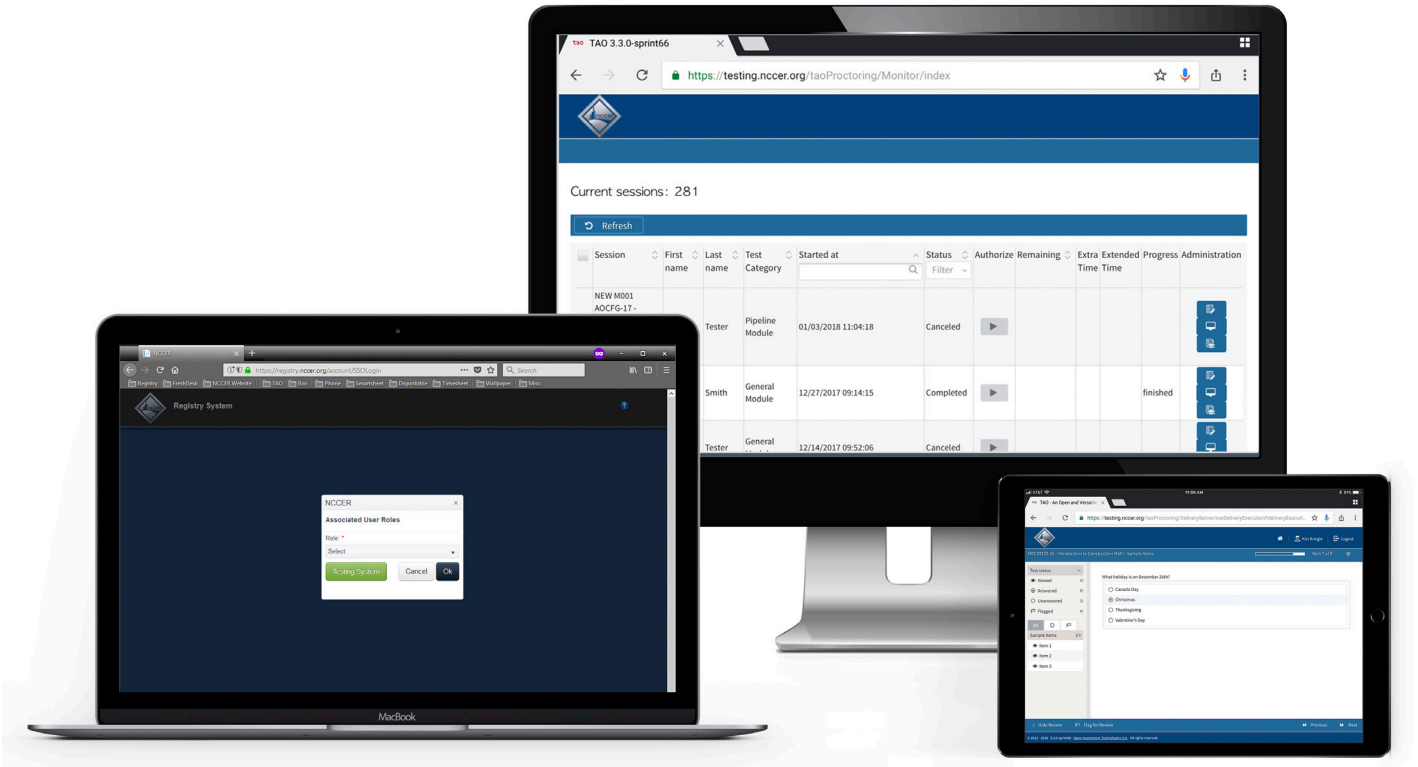

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Module 19309 Exam

Construction Drawings and Specifications

Trainee Name: _____

Social Security Number: _____ Date: _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1. Drawings that show a building's location along with topographic details, such as contour lines and trees, are called _____.
   a. site plans
   b. architectural layouts
   c. land-use maps
   d. foundation views

2. The locations where HVAC equipment is installed in a large commercial building are normally shown on _____.
   a. structural plans
   b. floor plans
   c. mechanical plans
   d. plumbing plans

3. The main purpose of fire protection plans is to _____.
   a. Identify the location of fire exits in the exterior walls
   b. specify firestopping in fire wall penetrations
   c. show where fire alarm boxes are located
   d. describe the location of sprinkler system piping and fittings

4. The drawing that shows the location of rooms and other spaces in a structure is a(n) _____.
   a. elevation drawing
   b. section view
   c. mechanical plan
   d. floor plan

5. Drawings that show the exterior style of a building are called _____.
   a. site drawings
   b. floor drawings
   c. elevation drawings
   d. foundation drawings

6. Which aspects of contractual arrangements are covered in the Special and General Conditions portions of a specification?
   a. Nontechnical
   b. Technical
   c. Equipment and materials
   d. Regulatory compliance

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7. As an apprentice, if you find a discrepancy between the plan drawings and specifications for a job, you should _____.
   a. inform the general contractor
   b. notify your immediate supervisor
   c. contact the project architect
   d. speak to the project superintendent

8. In the takeoff procedure, all materials and equipment indicated on a set of drawings are surveyed, _____.
   a. cleaned, and stored
   b. calibrated, and tagged
   c. measured, and counted
   d. repaired, and/or replaced

9. Insulation contractors typically use takeoff sheets for air devices and equipment, piping and accessories, and _____.
   a. raw materials
   b. tools
   c. permits
   d. ductwork

10. When doing a quantity takeoff, the last step is to _____.
    a. list the materials specified for each system
    b. total the quantities per category of material
    c. determine the scope of the work to be done
    d. review the specifications and seek clarification, if necessary

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Module 19309 Answer Key

Construction Drawings and Specifications

Question	Answer	Section Reference	Objective
1.	A	1.1.1	1a
2.	C	1.1.5	1a
3.	D	1.1.6	1a
4.	D	1.2.1	1b
5.	C	1.2.2	1b
6.	A	1.3.2	1c
7.	B	1.3.3	1c
8.	C	1.4.0	1d
9.	D	1.4.1	1d
10.	B	1.4.2	1d