

Chapter 2 – Quiz

Circle the letter of the one correct answer in each of the following statements.

1. **The primary purpose of a scale examination is:**
 - a. to assure that the scale is correct.
 - b. to assure that the scale will be properly maintained until the next inspection
 - c. to assure that the owner is honest.

2. **Tolerances, specifications, and other technical requirements for scales are found in:**
 - a. NIST Handbook 94.
 - b. NIST Handbook 44.
 - c. NIST Handbook 82.

3. **The portion of the field examination of a vehicle or axle-load scale that determines compliance with specifications is the:**
 - a. evaluation.
 - b. pretest determinations.
 - c. inspection.
 - d. test.

4. **The portion of the field examination that determines compliance with performance requirements (tolerances) is the:**
 - a. evaluation.
 - b. pretest determinations.
 - c. inspection.
 - d. test.

- 5. The portion of the field examination in which a decision is made concerning the acceptance or rejection of the scale is the:**
- a. evaluation
 - b. pretest determinations.
 - c. inspection.
 - d. test.
- 6. Steps to be followed in examining a vehicle scale equipped with a mechanical dial are found in:**
- a. NIST Handbook 130.
 - b. EPO No. 13.
 - c. EPO No. 13E.
 - d. NIST Handbook 44.
- 7. The reference document for determining tolerances for axle-load scales is:**
- a. NIST Handbook 130.
 - b. EPO No. 13.
 - c. EPO No. 13E.
 - d. NIST Handbook 44.
- 8. To discourage unauthorized access to and use of adjustable elements, a scale must be equipped with provisions for:**
- a. applying a physical security seal (e.g., lead-and-wire, pressure-sensitive, etc.) or other approved means of security (e.g., audit trail).
 - b. applying an approval seal.

- 9. A vehicle scale owner tells you that a device on the premises is not used commercially. You should explain to the owner that:**
- your jurisdiction's statutes define it as a commercial device under the rules of presumptive evidence.
 - his only alternative is to remove the scale from the premises or let you examine it.
 - you have the responsibility to prove the scale is used commercially before taking any action concerning it.
- 10. The manager of a commercial establishment wants to accompany you during a scale examination. You should:**
- explain that this is a weights and measures responsibility, and you don't need any assistance from the manager.
 - point out politely that you can do the job more efficiently if you work alone.
 - respond that you would be glad to have the manager accompany you.
 - ask the manager to take notes while you operate the test equipment.

Part 2

Circle the letter for the correct term that matches the following definitions.

- 11. The physical standards that are traceable to the primary standards through comparisons, using acceptable laboratory procedures, and used in the enforcement of weights and measures laws and regulations.**
- Approved standards
 - Secondary standards
 - Laboratory standards

- 12. A lead-and-wire seal, a plastic wire seal, a pressure-sensitive seal sufficiently permanent to indicate its removal, or similar device attached to a weighing or measuring device for protection against or to indicator access to the device adjustments.**
- a. Approval seal
 - b. Security seal
 - c. User's seal
- 13. Describes a piece of equipment when, in addition to being accurate, it meets all applicable specification requirements.**
- a. correct
 - b. accurate
 - c. specification
- 14. The physical standards of the State that serve as the legal reference from which all other standards and weights and measures are derived.**
- a. Secondary standards
 - b. Correct standards
 - c. Primary standards
- 15. Describes a piece of equipment when its performance or value – that is, its indications, its deliveries, its recorded representations, or its capacity or actual value, etc., as determined by tests made with suitable standards – conforms to the standard within the applicable tolerances and other performance requirements.**
- a. correct
 - b. accurate
 - c. specification