

# State Fire Marshal Training Division

## Fire and Emergency Services Instructor

### IFSTA – FES Instructor Manual – 7<sup>th</sup> Edition

#### Lesson 7 — Principles of Learning

## Lesson Quiz

Name \_\_\_\_\_ Date \_\_\_\_\_

- \_\_\_\_\_ 1. Which of the following describes the characteristics of adult students and provides a set of assumptions for most effectively teaching adults?
  - A. Pedagogy
  - B. Andragogy
  - C. Direct learning
  - D. Secondary learning
- \_\_\_\_\_ 2. Which of the following terms refers to a relatively permanent and observable change in a person's behavior that is the result of interaction with the environment?
  - A. Learning
  - B. Education
  - C. Training
  - D. Teaching
- \_\_\_\_\_ 3. In which of the following domains do students develop a willingness to perform the behavior correctly and safely?
  - A. Cognitive
  - B. Affective
  - C. Psychomotor
  - D. Emotional
- \_\_\_\_\_ 4. Which of the following is the level in the cognitive domain in which students use information learned in new and specific situations?
  - A. Knowledge
  - B. Comprehension
  - C. Evaluation
  - D. Application
- \_\_\_\_\_ 5. In which of the following learning methods do students recognize common qualities in similar but different experiences?
  - A. Global or holistic
  - B. Abstract or symbolic
  - C. Sequential or linear
  - D. Concrete or real objects or items

- \_\_\_\_\_ 6. In which of the following learning methods do students see the whole picture and form relationships between concepts, events, or things?
- A. Global or holistic
  - B. Abstract or symbolic
  - C. Sequential or linear
  - D. Concrete or real objects or items
- \_\_\_\_\_ 7. Which of the following laws of learning stresses the idea that the more an act is practiced, the faster and surer the learning becomes?
- A. Effect
  - B. Recency
  - C. Exercise
  - D. Association
- \_\_\_\_\_ 8. In the cone of learning model, individuals will retain approximately \_\_\_\_\_ percent of what they see and hear together.
- A. 20
  - B. 30
  - C. 50
  - D. 70
- \_\_\_\_\_ 9. Which of the following memory component uses past information to understand events in the present?
- A. Sensory memory
  - B. Short-term memory
  - C. Long-term memory
  - D. Static memory
- \_\_\_\_\_ 10. Which of the following is a characteristic of the traditional approach to teaching?
- A. Performance-based
  - B. Individual-based
  - C. Instructor-supported
  - D. Delayed, general feedback

- \_\_\_\_\_ 11. Which of the following is a characteristic of the mastery approach to teaching?
- A. Group-based
  - B. Individual-based
  - C. Delayed, general feedback
  - D. Instructor-dependent
- \_\_\_\_\_ 12. Students who have problems reaching the desired criteria in the mastery approach should be \_\_\_\_\_.
- A. dropped from the course
  - B. failed in the course
  - C. allowed to proceed to the next level
  - D. given additional instruction, time, and opportunity to succeed
- \_\_\_\_\_ 13. Which of the following is an advantage of the mastery approach?
- A. Several formative exams must be written and administered.
  - B. Students are prepared to advance to more complex knowledge or skills.
  - C. Additional time must be available to ensure that all students master the subject.
  - D. Faster students may feel that the slower students are holding them back.
- \_\_\_\_\_ 14. Which of the following statements about criterion-referenced assessment is TRUE?
- A. It is rarely used in the fire and emergency services
  - B. Compares student performance with stated criteria
  - C. Measures the accomplishments of students against one another
  - D. Grades are often based on the distribution of scores with the class
- \_\_\_\_\_ 15. Which of the following is a disadvantage of the mastery approach to teaching?
- A. Several formative exams must be written and administered.
  - B. The responsibility for learning is focused on the students.
  - C. Instructors must state the learning objectives before designating student projects.
  - D. Students are prepared to advance to more complex knowledge or skills.