

Improved Test, with Answers

**Note: Suggested changes are indicated in bold letters; answers are italicized.**

**A. For the following true/false items, circle T if the statement is completely true. Circle F if any part of the statement is false, and rewrite the statement to make it true. (2 pts. per question)**

1. **T F** **According to Mager**, criterion, conditions, and content are three elements in a good educational objective.

*False. According to Mager, criterion, conditions, and (observable) behavior are three elements in a good educational objective.*

2. **T F** Objectives form the basis for assessment. *True*

3. **T F** Feedback is an important aspect of assessment and continuous improvement. *True*

4. **T F** A rubric is a tool that is most useful for assessing quantitative achievement.

*False. A rubric is a tool that is most useful for assessing qualitative achievement.*

5. **T F** Feedback to students should be specific, realistic, judgmental, and provided as quickly as possible after the student's performance.

*False. Feedback to students should be specific, realistic, descriptive, and provided as quickly as possible after the student's performance.*

6. **T F** AQIP is an organization concerned with quality in higher education.

*False. AQIP is a process concerned with quality in higher education.*

**B. For each of the following multiple choice items, circle the letter that represents the best answer. (3 pts. per question)**

7. Things to avoid in assessing students include:

a) failing to share your objectives

b) not providing criteria or other guidance regarding the way performance will be assessed

c) talking out loud while the students are taking a test

d) a & c

e) all of the above     *Correct answer: e*

**8.** When creating a test you should:

a) Evaluate students only on material that you have covered or for which you hold them responsible.

b) Make up different forms for each section you are teaching so that the possibility of "sharing information" is minimized.

c) Make certain that the exam can be taken within the time period of the normal class, **and** allow students the full designated time to complete the exam.

d) a & c

e) All of the above     *Correct Answer: e*

**9.** The gap between the existing condition (**what students know**) and ideal condition (**what you want students to know**):

a) is known as the need

b) is a factor in developing instruction, but not a primary one

c) is the basis for developing goals and objectives

d) a & c

e) all of the above     *Correct Answer: d*

**For the following short answer items, answer in the space provided**

**10 a.** What do the letters in AQIP stand for? (2 pts.)

*Answer: Academic Quality Improvement Program*

**10 b.** Name one AQIP criterion and give an example of how it relates to a class you teach. (2 pts.)

Answers will vary. See <http://www.aqip.org/criteria2a.html>

11. Define the following terms **and** give an example for each:

**a) formative assessment (2 pts.)** *a measure of achievement used prior to or during instruction, to determine what students know and what areas need work, for the purpose of planning and guiding instruction Example: spelling pre-test*

**b) summative assessment (2 pts.)** *a measure of achievement that takes place when instruction is completed, and is used to determine student outcomes resulting from the instruction. Example: final exam*

**c) alternative assessment (2 pts)** *a measure of achievement other than a traditional written test; also called authentic assessment because required tasks tend to be real. Examples: portfolio, presentation, exhibit*

12. Complete the table below by stating the best way to assess each of the following. (2 pts. each)

Ability to change a tire	<i>Use checklist of required competencies/steps and observe actual performance</i>
Ability to make tortillas	<i>Use checklist of required criteria (e.g., proper proportions of correct ingredients, correct temperature, acceptable quality of dough consistency, taste) and observe actual performance as well as product</i>
Ability to recognize paintings done by a particular artist	<i>Given pictures of a number of paintings, ask student to identify those done by the artist in question. Instructor may also ask student the names of the paintings and/or the qualities of the paintings chosen that are characteristic of that artist.</i>
Ability to recall the names and symbols of the <b>chemical</b> elements	<i>Have student recite or list (in writing) the names and symbols. If additional information is desired, student could be asked to create a periodic table from memory.</i>
Comprehension of <b>particular</b> educational theories	<i>1) An essay question comparing and contrasting given theories or a question in which students are required to apply the theories.</i>

	<p>2) <i>Field observation on the part of the student, who would then write a paper identifying and explaining the theories s/he saw applied.</i></p> <p>3) <i>Students teach the theories and their application to peers.</i></p>
Ability to solve mathematical problems	<p>1) <i>Written test requiring students to solve problems</i></p> <p>2) <i>Project in which solution of mathematical problems is required</i></p>
Ability to research information on a <b>given</b> topic	<i>Have students do research and write a paper, do a presentation, or prepare an exhibit</i>
Ability to perform <b>specific</b> statistical procedures	<p>1) <i>Written exam questions requiring students to demonstrate ability to perform procedures correctly</i></p> <p>2) <i>Observe students as they perform procedures using computer software</i></p> <p>3) <i>Assign exercises or a project requiring performance of procedures for completion of the task.</i></p>

**13. Essay question (10 points):** What are some ways to improve this test? **Name at least four and explain why you would make the suggested changes. You may use the space below and back of this page to complete your essay.**

*Answers to this question have been discussed in the prior comments on the original test and via this revised test.*