

X

NPTEL

reviewer3@nptel.iitm.ac.in ▼

Courses » Outcome Based Pedagogic Principles for Effective Teaching

Announcements **Course** Ask a Question Progress Mentor FAQ

Unit 4 - Week 3

Course outline

How to access the portal

Week 1

Week 2

Week 3

Lecture 11: Assessment and Evaluation

Lecture 12: Formative and Summative Assessments

Lecture 13: Test Item Analysis

Lecture 14: Effectiveness of Distractors

Lecture 15: Formation of Question Paper

Week 3 Lecture Materials

Quiz : Assignment 3

Feedback for Week 3

Week 4

Assignment 3

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-19, 23:59 IST.**

1) In the sentence given below, identify the keyword which is associated with the "Synthesis" **1 point** level of Bloom's Taxonomy. "Develop conceptual design and analysis of basic energy conversion systems involving power cycles with gaseous as well as vapour phase working fluids and vapour compression refrigeration cycles"

- (a) Design
- (b) Analysis
- (c) Develop
- (d) Involve

No, the answer is incorrect.

Score: 0

Accepted Answers:

(c) Develop

2) Identify the keyword associated with the "Evaluation" level of Bloom's Taxonomy in the given sentence. By applying the first and second laws of thermodynamics, analyze and evaluate the non-reacting and reacting gas mixture systems **1 point**

- (a) Evaluate
- (b) Analyze
- (c) System
- (d) Apply

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a) Evaluate

© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -



A project of



NPTEL

National Programme on
Technology Enhanced Learning

In association with

NASSCOM®

Funded by

solution

ce De

(d) The sentence does not have any condition criteria.

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a) Within daily classroom routine

4) In the criteria based assessments, if the learner has not attained the expected outcomes, **1 point** then which of the following conclusions are to be considered for evaluating the effectiveness of instruction?

- (a) The Criteria/ outcomes which are set in the beginning of the course are not achievable
- (b) The teaching learning process is not appropriate to achieve the Criteria/ outcomes
- (c) It does not depend on whether Criteria/ outcomes are achievable or not

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a) The Criteria/ outcomes which are set in the beginning of the course are not achievable

(b) The teaching learning process is not appropriate to achieve the Criteria/ outcomes

5) Identify the statement(s) related to the evaluation **1 point**

- (a) Process of gathering data to measure degree of attainment of course goals
- (b) Assessment data quantified for each student for all relevant assessments
- (c) Value judgment made based on Criteria / Norm

No, the answer is incorrect.

Score: 0

Accepted Answers:

(b) Assessment data quantified for each student for all relevant assessments

(c) Value judgment made based on Criteria / Norm

6) **1 point**

Table-1 represents the score of the students in SUMMATIVE ASSESSMENTS of 50 marks. Each test item is designed for 10 marks.

Table-1

Student rank	Test Item No.					Total
	Item -1	Item -2	Item -3	Item -4	Item -5	
	15	15	10	5	5	50
1	15	15	9	5	5	49
2	14	15	10	4	5	48
3	13	14	10	5	4	47
4	13	14	9	5	5	46
5	13	14	9	5	5	46
6	12	13	10	4	5	44
7	12	13	10	4	4	43
8	12	13	9	4	4	42
9	12	13	9	4	4	42
10	10	13	9	4	4	40
11	12	10	8	4	4	38
12	10	9	7	3	4	33
13	8	8	6	2	3	27
14	7	7	5	2	1	22
15	5	5	4	1	0	15

For the above data answer the following:

Determine the Discrimination Index of test item-1

- (a) 0.208
- (b) 0.362
- (c) 0.708
- (d) 0.417

- a
- b
- c
- d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

7) Determine the Facilitation Value of item-2 (Refer to Table 1)

1 point

- (a) 1.450
- (b) 0.625
- (c) 0.725

(d) 0.483

No, the answer is incorrect.

Score: 0

Accepted Answers:

(c) 0.725

8) Determine the Facilitation Value of item-3 (Refer to Table 1)

1 point

(a) 0.750

(b) 0.400

(c) 0.500

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a) 0.750

9) Determine the Discrimination Index of test item-5 (Refer to Table 1)

1 point

(a) 0.275

(b) 0.183

(c) 0.550

No, the answer is incorrect.

Score: 0

Accepted Answers:

(c) 0.550

10) Which of the following statement(s) is/are true for the summative assessment?

1 point

(a) Test items should include representative sample of course objectives

(b) Inferences drawn can be used for improvement of instructions

(c) Conducted at the end of the course, for final grading

(d) Narrow content focus, frequency-daily

No, the answer is incorrect.

Score: 0

Accepted Answers:

(a) Test items should include representative sample of course objectives

(c) Conducted at the end of the course, for final grading

Previous Page

End

