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” 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

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

No, the answer is incorrect.
Score: 0

Accepted Answers:
(a) Evaluate
(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, 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

☐ (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)
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

No, the answer is incorrect.
Score: 0
Accepted Answers: d

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

(a) 1.450
(b) 0.625
(c) 0.725
8) Determine the Facilitation Value of item-3 (Refer to Table 1)  
   (d) 0.483  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (c) 0.725

9) Determine the Discrimination Index of test item-5 (Refer to Table 1)  
   (a) 0.750  
   (b) 0.400  
   (c) 0.500  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   (a) 0.750

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