Unit 4 - Week 3: Knowledge Categories and Affective and Psychomotor Domains

Quiz 3

The due date for submitting this assignment has passed. Due on 2019-03-20, 23:59 IST. As per our records you have not submitted this assignment.

1) To what category of knowledge does the element “Stress is expressed in Pascals” belong to

- Factual
- Conceptual
- Procedural
- Metacognitive
- All of these

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

2) Metacognitive ability affects two of the following

- how well and how long students study
- how well the students perform in the examinations
- how much and how deeply students learn
- how well the students pay attention to the teacher in the classroom

No, the answer is incorrect.
Score: 0
Accepted Answers:
how well and how long students study
how much and how deeply students learn

3) Engineering is the process of

- Investigation of how to solve technical and socio-technical problems
- Selecting the phenomena for investigation
- Establishing the validity of results
- Applying science

No, the answer is incorrect.
Score: 0
Accepted Answers:
Investigation of how to solve technical and socio-technical problems
4) To what category of knowledge does the statement “An airfoil, by virtue of its shape, in particular its sharp trailing edge, generates lift when inclined at an angle to the air stream” belong to?

- Factual
- Fundamental Design Principles
- Metacognitive
- Design Instrumentality

No, the answer is incorrect.
Score: 0
Accepted Answers:
Fundamental Design Principles

5) Two of the following are non-cognitive factors

- Designing
- Self-Concept
- Differentiating
- Motivation

No, the answer is incorrect.
Score: 0
Accepted Answers:
Self-Concept
Motivation

6) Identify two examples of affective behaviors from the following

- Indicating attitudes of concern and responsibility
- Deciding what procedure to apply in a given situation
- Giving multiple solutions to a given problem
- Listen to in interactions with others

No, the answer is incorrect.
Score: 0
Accepted Answers:
Indicating attitudes of concern and responsibility
Listen to in interactions with others

7) Perceive, Activate, Execute, Maneuver, Judge and Create processes belong to

- Cognitive Domain
- Affective or Feeling Domain
- Psychomotor Domain
- None of these

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

8) What is the condition in the Course Outcome statement “Process data in Hadoop cluster using Hive and Pig scripts”

- Process data
- Hadoop cluster
- Hive and Pig scripts
- None

No, the answer is incorrect.
Score: 0
Accepted Answers:
Hive and Pig scripts
9) "Besides the analytical tools, quantitative data and practical considerations required for their tasks, designers need to know how to carry out those tasks. How to employ procedures productively constitutes an essential part of design knowledge" is the goal of

- Fundamental design concepts
- Criteria and specification
- Practical considerations
- Design instrumentalities

**No, the answer is incorrect.**
**Score: 0**
**Accepted Answers:**
*Design instrumentalities*

10) Why are Criteria and Specifications important to engineering activities (select most important two)

- They provide the basis for organizing development teams
- They provide the basis for marketing a product
- All engineering designs have to be done as per the given specifications
- The cost of any engineering activity depends on specifications

**No, the answer is incorrect.**
**Score: 0**
**Accepted Answers:**
*All engineering designs have to be done as per the given specifications*
*The cost of any engineering activity depends on specifications*