Assignment 2

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1. Which of the following ‘energy extraction activity’ do not require petroleum engineering expertise: 1 point
   - Nuclear energy
   - Methane gas hydrates
   - Geothermal energy
   - None of the above
   - None of the above
   - The answer is incorrect. Score: 0

   Accepted Answers: None of the above

2. Mention the major challenges associated with the extraction of methane gas hydrates: 1 point
   - Offshore slope instability
   - Sea bed instability
   - Both a and b
   - None of the above
    - None of the above
    - The answer is incorrect. Score: 0

   Accepted Answers: Sea bed instability

3. Give an example that deals with ‘multiphase modelling’ of geoenvironment: 2 points
   - Methane gas hydrates
   - Liquefied
   - Consolidation
   - None of the above
   - There is no answer. Score: 0

   Accepted Answers: None of the above

4. Soils are more reactive to changes in the environment compared to rocks: 1 point
   - True
   - False
   - None of the above
    - False
    - The answer is incorrect. Score: 0

   Accepted Answers: True

5. Which of the following properties can be measured using the Mohs scale: 1 point
   - Hardness
   - Age
   - Composition
   - Density
    - Hardness
    - The answer is incorrect. Score: 0

   Accepted Answers: Hardness

6. Which of the following types of coal is less active: 1 point
   - Organic and weathered coal
   - Low rank bituminous with fines
   - Subbituminous
    - Low rank bituminous with fines
    - The answer is incorrect. Score: 0

   Accepted Answers: Subbituminous

7. The activity of the coal will reduce with increase in particle size: 1 point
   - True
   - False
    - False
    - The answer is incorrect. Score: 0

   Accepted Answers: True

8. Match the following correctly: 2 points
   - Fatigue a. Brittle
   - Goldsmith b. Steel
   - Oxidize c. Stainless
   - Steel d. Austenitic
   - Liquidation e. Brittle
   - Austenitic f. Steel
   - Stainless g. Austenitic
   - Brittle h. Liquidation
    - Austenitic
    - The answer is incorrect. Score: 0

   Accepted Answers: C, D, A, E

9. Which of the following can be used as fill materials in the construction industry: 1 point
   - Coal ash
   - Waste Furnace Slag
   - Mine Tailings
   - All of the above
    - All of the above
    - The answer is incorrect. Score: 0

   Accepted Answers: All of the above

10. Consolidation of the static water table can be achieved by: 1 point
    - Draining
    - Sheet Piling
    - Both a and b
    - None of the above
     - None of the above
     - The answer is incorrect. Score: 0

    Accepted Answers: Both a and b