QUIZZEN – Is Matter around as pure (9C02)

Learning Level 1	***Learning Level 2***	***Learning Level 3***
Q - Remembering (knowledge-based questions) U - Understanding (comprehension-based questions)	I - Applying (application-based questions) Z - Analyzing (analysis-based questions)	*E - Evaluating (evaluation-based questions)* *N - Creating (creation-based questions)*

Learning Level 1

1. What is a mixture?
2. Define the term 'solution.'
3. What is a homogeneous mixture?
4. Name two types of heterogeneous mixtures.
5. What is the difference between a solution and a suspension?

Learning Level 2

6. What type of mixture is air? Explain.
7. How can you separate a mixture of salt and water?
8. What is the difference between a colloid and a suspension? Give an example of each.
9. Explain why muddy water is a heterogeneous mixture.
10. How can you distinguish between a homogeneous and heterogeneous mixture?

Learning Level 3

11. Critically analyze the statement, "All solutions are homogeneous mixtures, but all homogeneous mixtures are not solutions."
12. Design an experiment to show that air is a mixture.
13. Evaluate the statement, "Filtration is the best method to separate a mixture of sand and water."
14. Create a flowchart to show the different methods used for separating mixtures.
15. Explain why the separation of a colloid is more difficult than the separation of a suspension.