

## **NATURAL SCIENCES AND TECH GRADE 6**

### **LOCKDOWN PROGRAMME WEEK 11**

#### **REVISION**

#### **Topic 6: Mixtures**

**(25)**

1. Which of the following are **not mixtures**?

- a. Raisins in a glass bowl
- b. Raisins and peanuts in a glass bowl
- c. Sand, cement and gravel
- d. Sand and gravel
- e. Sand and water
- f. Five rand coins and two rand coins
- g. Oil and water
- h. Salt and sugar
- i. 5 cent coins in a plastic bag

**(2)**

For each one you choose, give a reason for your answer.

**(2)**

2. In which of these mixtures can you still see clearly all the separate substances?

- a. Raisins and peanuts in a glass bowl
- b. Sand, cement and gravel
- c. Sand and gravel
- d. Sand and water
- e. Five rand coins and two rand coins
- f. Oil and water
- g. Salt and sugar
- g. sand and salt

**(5)**

3. In which of the mixtures listed in No. 2, would it be difficult to see the different substances in the mixture?

**(3)**

4. Name 5 physical means by which mixture can be separated.

**(5)**

5. State the physical method you would use to separate each of the following mixtures.
- a. Raisins and peanuts in a glass bowl
  - b. Sand, cement and gravel
  - c. Sand and water
  - d. Five rand coins and two rand coins
  - e. Oil and water (5)
6. Draw a diagram to show your method you would use to separate the mixture of sand and gravel. (3)