

PITLOCHRY PRIMARY SCHOOL			
NATURAL SCIENCE TASK 10 – JUNE 2020 ONLINE TEST			
Number of pages	3	Duration	1 hour
Date		Total	___/30
Name		Grade	6

INSTRUCTIONS TO LEARNERS

1. Read ALL the instructions carefully.
2. Answer ALL the questions.
3. Write neatly and legibly.

QUESTION 1

Match the concept (term) in Column A with the definition in Column C. Write only the answer (letter) next to the number in Column B.

Column A	Column B	Column C
1.1 melting		A Is known as a universal solvent.
1.2 solvent		B Unable to dissolve in a liquid.
1.3 water		C Uses heat to convert a solid into a liquid.
1.4 insoluble substance		D Comprises of the smaller quantity in a solution.

(4)

QUESTION 2

- 2.1 Draw the particle arrangement of a solid.



(1)

2.2 List two properties of a gas.

_____ (2)

2.3 Write the definition of the term 'Heterogeneous mixture'

_____ (1)

2.4 What method of separation would you use to separate a mixture of leaves and water?

_____ (1)

2.5 What is a saturated solution?

_____ (1)

QUESTION 3

Complete the following sentences using the words provided in the box below.

Eutrophication	coffee powder	blood
Carbon dioxide	melts	dissolves

3.1 A candle _____ when it burns.

3.2 _____ is when algae feed off fertilizers and detergents and grow rapidly.

3.3 _____ is an example of a liquid.

3.4 _____ is an example of a gas.

3.5 The solute in a cup of black coffee is _____.

(5)

QUESTION 4

4.1 List the factors that affect the rate of dissolving.

_____ (3)

4.2 Explain the difference between soluble and insoluble water pollutants and write an example of each.

_____ (4)

4.3 Discuss how wetlands help clean and filter water.

Write 3 sentences.

_____ (3)

4.4 Explain the cycle of infection.

_____ (3)

4.5 Describe how you would purify a cup of muddy water so that it would be drinkable.

_____ (2)

GOOD LUCK!!