YEAR 7 SCIENCE

Chemistry End of Topic Test

NAME:	Solutions Mark:		/512 to
Select tl	ne best answer for the following questions and print your answer clear	rly in t	he table provided.
1. W	hich of the following can a sieve not be used for?		
(a			Choose the correct
(b (c (d	separating solids of different sizes	1	A B C D
2. M easily. M	ilk is a mixture of fat mixed through water. The fat does not settle out lilk is an example of :	2	A B C D
(a (b) a suspension	3	A B C D
(c (d		4	A B C D
	ne process used in the diagram below is called:	5	A B C D
(a (b (c) (d	evaporation. decantation.	6	A B C D
4. A:	substance is insoluble in a solvent if:	7	A B C D
(a) (b) (c)	there is too much solid to dissolve.	8	A B C D
(d		9	A B C D
	e contents of a test tube had the following characteristics:	10	A B C D

- (a) A solution
- (b) A solid
- (c) A suspension
- (d) There is not enough information to determine the contents

• When left untouched for a long time sediment appeared on the bottom

6. The process used in the diagram below is called:

What is contained in the test tube?

- (a) filtration.
- (b) evaporation.
- (c) decanting.
- (d) boiling.



7.	The best method of separating sand and rice would be: (a) filtration. (b) evaporation. (c) decanting. (d) sieving.	
8.	To separate sand and water you could use:	
	(a) filtration.(b) evaporation.(c) decanting.(d) any of the above	
9.	Which of the following is not a type of mixture	·
	(a) suspension(b) colloid(c) solvent(d) solution	
10.	Which of the following is a method for separating soluble substances	5?
	(a) filtration.(b) evaporation.(c) decanting.(d) centrifuging.	
Shor	t Answer Write the answer to the questions in the spac	es provided.
	If you run out of space or make a big mistake rewrite your answer	you can use the back page to
1.	Describe how you would fold a piece of filter paper in a conical shape You may use a diagram if you wish	
		should be woth 2
		ifor knowing conical
		ifor applanation

(1)

separation.

9. If you were given a mixture of sand and salt describe how you would separate it and still retain be sand and the salt. Use dot points or steps	oth the (3)
- Add 450	
(i) (ii) Filter	
(3) distil -> not evap	
10. a. On the diagram below label the solute and the solvent.	(2)
b. How could you make the solution more concentrated? Litter + solute	(1)
cr - solvent	
c. What would happen if more and more sugar was added to the beaker?	(2)
no more dissolve	
or sink to bottom (1)	
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О.		ons of sugar was added to beaker B.	(5)
	a.	What is the solute in this question? Sugar	-8
	b.	What is the solvent?	= 0
	C.	In which beaker would you find a solution?	
	d.	Which beaker contains the more concentrated solution?	
	e.	What would happen to beaker B if you kept adding more sugar?	
		Oops same as 10c	
:		1	
7.	a)	One of the test tubes below contains a solution, the other a suspension. Label them correctly	7. (2)
	SI	ispension Solution	
	b)	Which one of these could be separated using a filter, or could both?	(1)
8.	Desc	ribe one separation technique that is, or could be, used to produce pure water for drinking.	(3)
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