

QUIZZZ

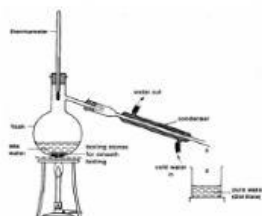
Separation Techniques 12 Questions

NAME : _____

CLASS : _____

DATE : _____

1.



What is the name of this separation technique?

A

Simple distillation

B

Fractional distillation

C

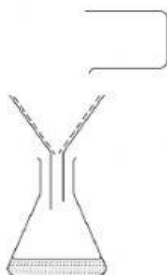
Boiling

D

Evaporation

2.

What is the name of this separation technique?



A

distillation

B

filtration

C

evaporation

D

chromatography

3. Which separation technique is used to obtain salt from seawater?

A

Simple distillation

B

Filtration

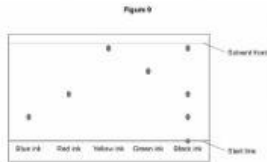
C

Chromatography

D

Evaporation

4.



Referring to the chromatogram, black ink contains

- ☐ A Blue, red and yellow ink only ☐ B Blue, red, yellow and green ink
☐ C Blue and yellow ink ☐ D Black ink only

5. During filtration, the solid that is trapped in the filter paper is called ..A.. and the liquid that has passed through the filter paper is called ..B..

- ☐ A A: residue B: filtrate ☐ B A: residue B: filtrate
☐ C A: filtrate B: residue ☐ D A: filtrate B: residue

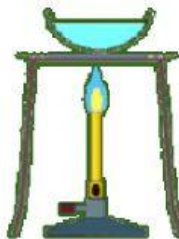
6. What method would you use to separate a mixture of salt and water so that you can get keep the salt AND the water?

- ☐ A sorting by hand ☐ B distillation
☐ C chromatography

7. Dyes in a felt-tip pen may be separated by....

- ☐ A Distillation ☐ B Decanting
☐ C Chromatography ☐ D Centrifuge

8.



Which one of the following is the name for separation technique in the picture below

- ☐ A distillation ☐ B dissolving
☐ C evaporation ☐ D decanting

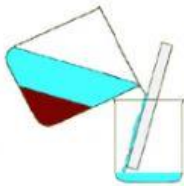
9. Which one of the following is a disadvantage of evaporation?

- | | |
|---|---|
| ☐ A It always requires heat | ☐ B It cannot be used for insoluble solids |
| ☐ C All of the solute is recovered | ☐ D The solvent (liquid part) is not recovered |

10. No matter what you do, sand will not dissolve in water, because sand is _____.

- | | |
|--------------------------------------|------------------------------------|
| ☐ A dissolved | ☐ B soluble |
| ☐ C insoluble | ☐ D aqueous |

11.



Which technique is shown the diagram below

- | | |
|--------------------------------------|--|
| ☐ A seiving | ☐ B filtration |
| ☐ C decanting | ☐ D crystallization |

12. If you shake up the sand and water, the sand spreads through the water forming a cloudy _____.

- | | |
|--------------------------------------|---------------------------------------|
| ☐ A substance | ☐ B suspension |
| ☐ C sediment | ☐ D solution |