

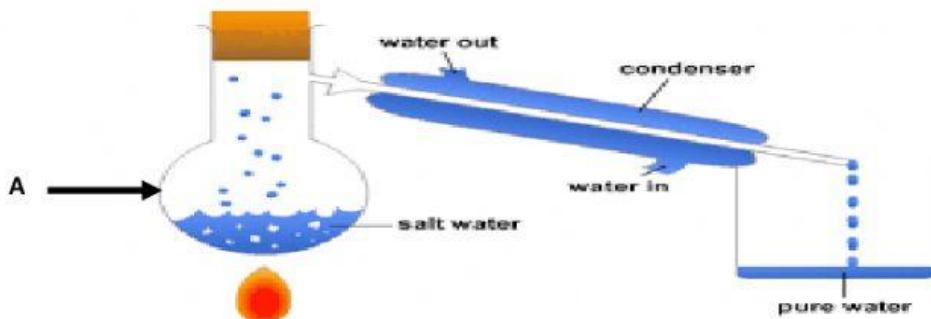
Separation of Mixture Quiz P4

Name: _____

Grade: _____

Date: _____

A student took a sample of seawater and heats it up using the apparatus shown.



(a) State the name of the process shown in the diagram above.

_____ (1pts)

(b) Name the piece of apparatus labelled A. _____ (1 pts)

(c) Identify the changes of state taking place in the diagram

_____ (2 pts)

(d) Explain what happens in the condenser. _____

_____ (2 pts)

(e) Seawater is a solution of salt and water, Name the **solute** and **solvent** in seawater.

Solute _____

Solvent _____ (2 pts)

(f) Here is a list of methods for each of the following separations.

Chromatography

Distillation

Evaporation

Filtration

Magnetism

Choose the best method above for each of the following separations.

Separation	Method
i. Getting salt from sea water	
ii. Separating soil from water	
iii. Separating the dyes in a marker	
iv. Separating iron filing from sulphur	
v. Getting fresh water from sea water	