WATER CYCLE

1. What is it called water heats up and turns into a water vapour

   A Condensation **C** Freezing

   B Evaporation **D** Boiling

2. What is it called when water vapor cools down and turns back into a liquid

   A Condensation **C** Freezing

   B Evaporation **D** Boiling

3. The process when plants release water through their leaves back into the air is called _____

   A evaporation **C** precipitation

   B transpiration **D** condensation

4. Which one is false?

   A Over 70% of Earth is covered in water

   B A lot of freshwater is frozen in glaciers

   C Most of the water on Earth is freshwater/drinkable

   D All living things need water to survive

5. What is the energy source that keeps the Water Cycle going?

   A Rain **C** Sun

   B Lava **D** Ice

6. During which stage do clouds form?

   A condensation **C** evaporation

   B precipitation **D** freezing

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7. A drop of water on a table eventually disappears by .....

A. freezing **C.** evaporation

B. condensation **D.** melting

8. Ahmad has a mixture of sand and salt solution. Which of the following methods can be used to obtain pure water?

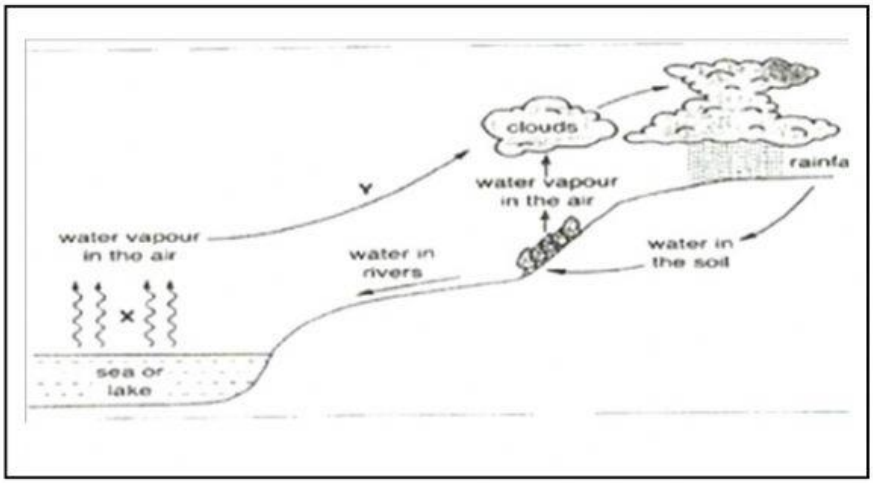
A. Dissolving and distillation

B. Filtration and distillation

C. Evaporation and distillation

D. Filtration and evaporation

9. The diagram below shows a water cycle in nature.



Name the processes that take place at X and Y.

	X	Y
A.	Condensation	Evaporation
B.	Evaporation	Freezing
C.	Evaporation	Condensation
D.	Evaporation	Evaporation

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10. Study *Figure 1* carefully. It shows the distillation process of muddy water

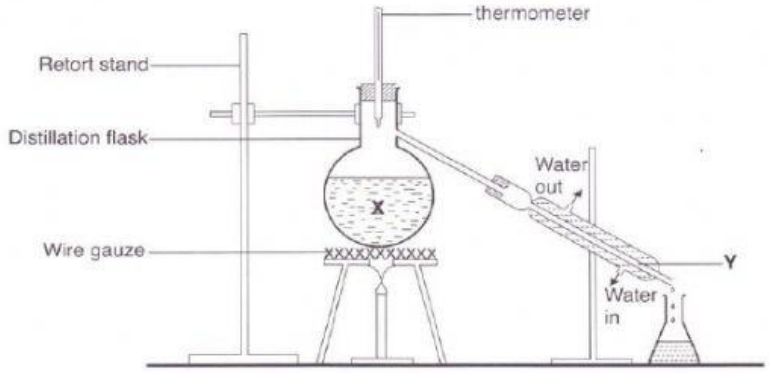


Figure 1

Which one of the following processes and changes of states take place at part X and Y?

	X		Y	
	Process	**Change of state**	**Process**	**Change of state**
A.	Boiling	Liquid → Gas	Condensation	Gas → Liquid
B.	Boiling	Gas → Liquid	Condensation	Liquid → Gas
C.	Condensation	Gas → Liquid	Boiling	Liquid → Gas
D.	Condensation	Liquid → Gas	Boiling	Gas → Liquid

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