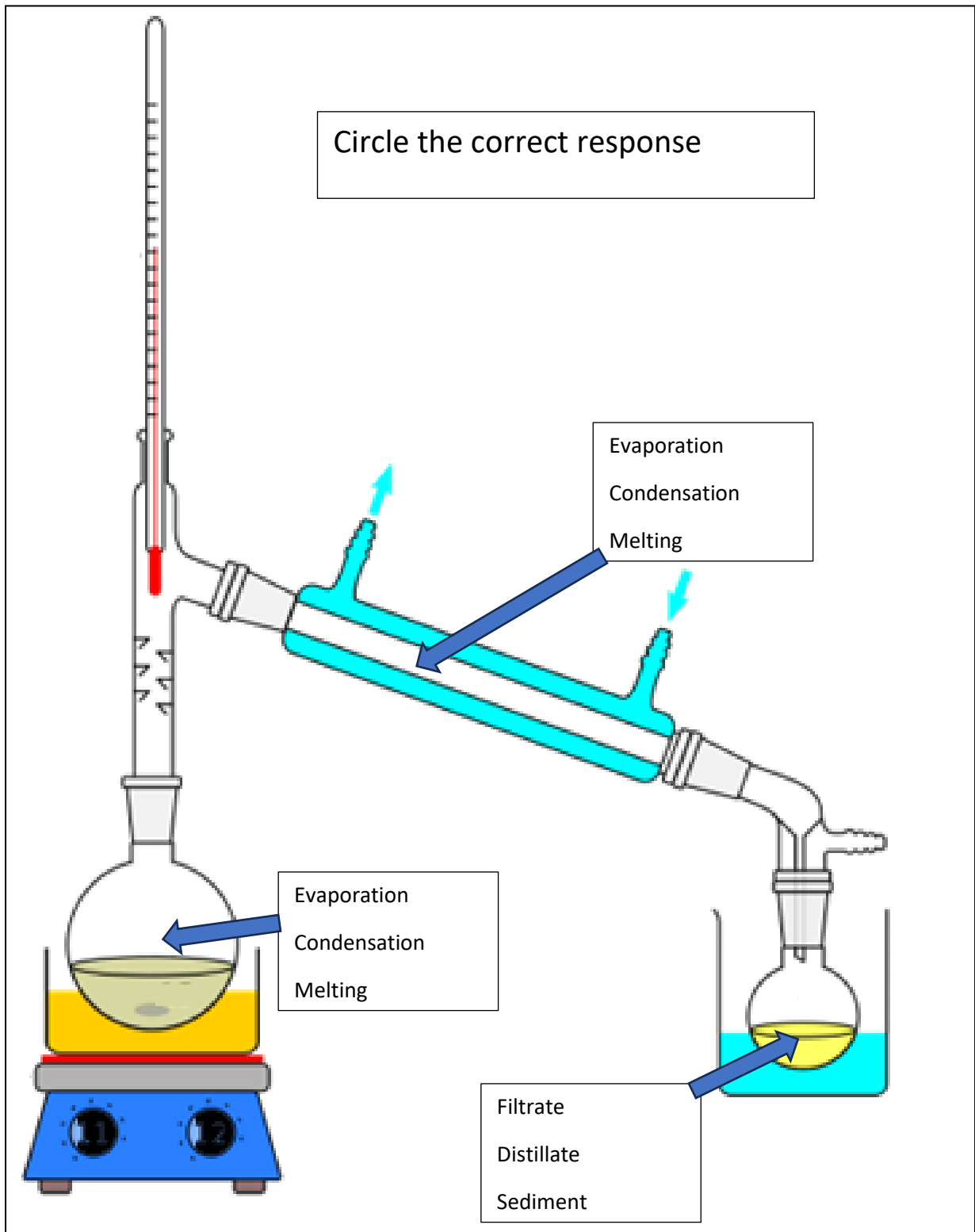
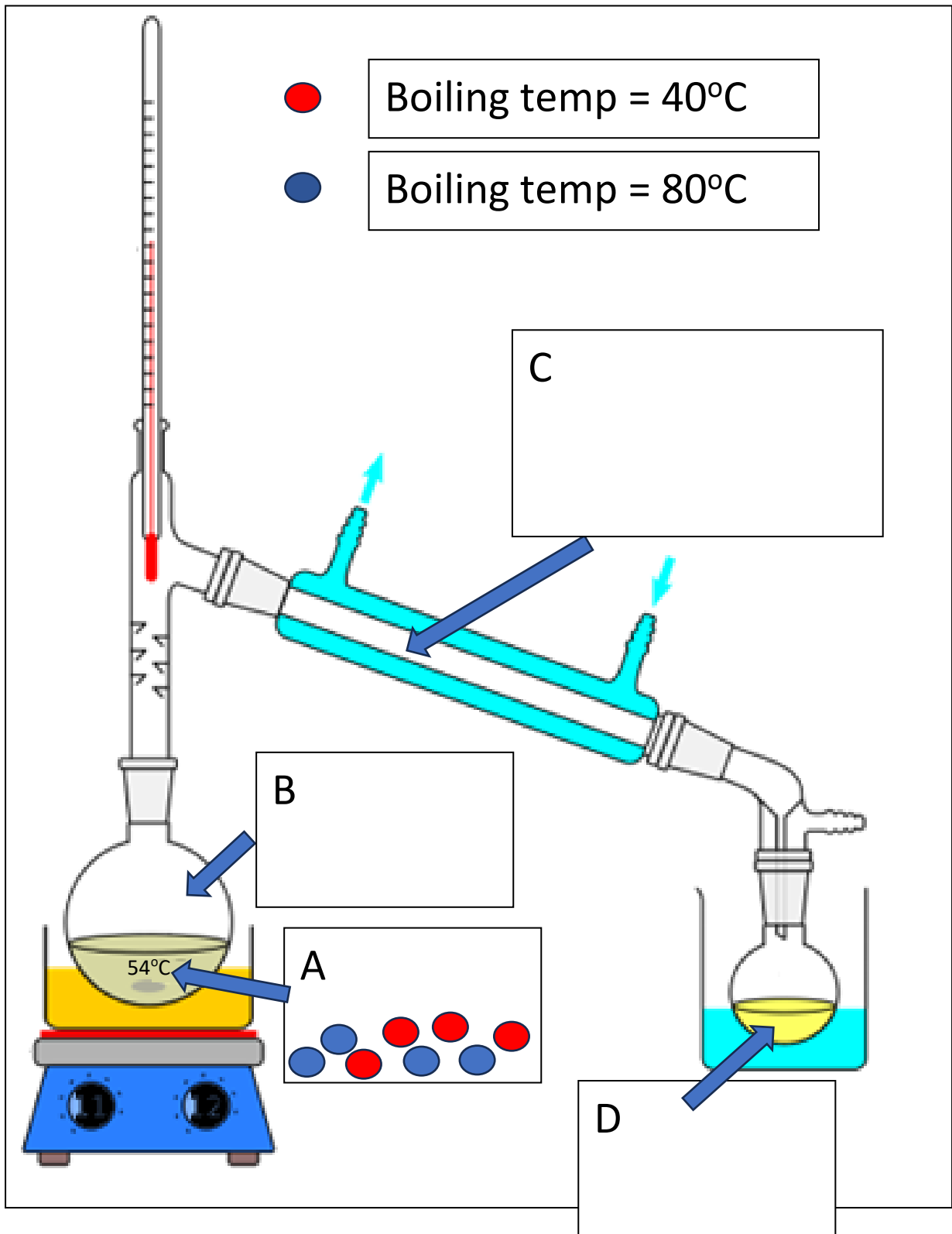


Distillation – separation and purification of liquids



2. Draw the particles at each stage from B – D.



3. What word best explains the liquid in the round-bottom flask?
Circle the correct response and justify your selection.

- i. Pure liquid substance
- ii. Liquid Mixture
- iii. Gaseous mixture
- iv. Pure gas substance

4. Water and oil are placed in a flask and vigorously shaken. Water boils at 100 °C whilst the oil boils at 120 °C. Water and oil need to be obtained in pure form. Answer the questions in the diagram below.

