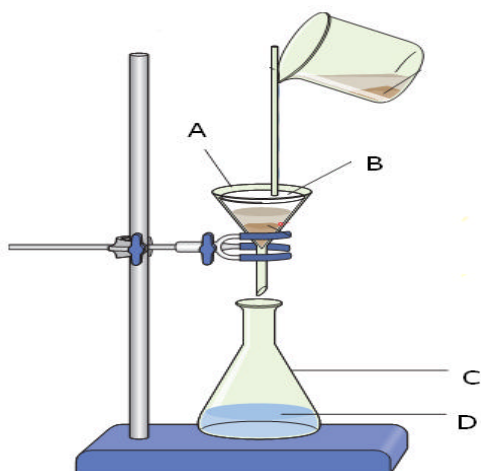


Name: _____

1. What type of separation technique is shown here? _____ (3)



2. A mixture of sand and water was separated as shown below.
Label the apparatus used in the diagram.



A = _____
B = _____
C = _____
D = _____

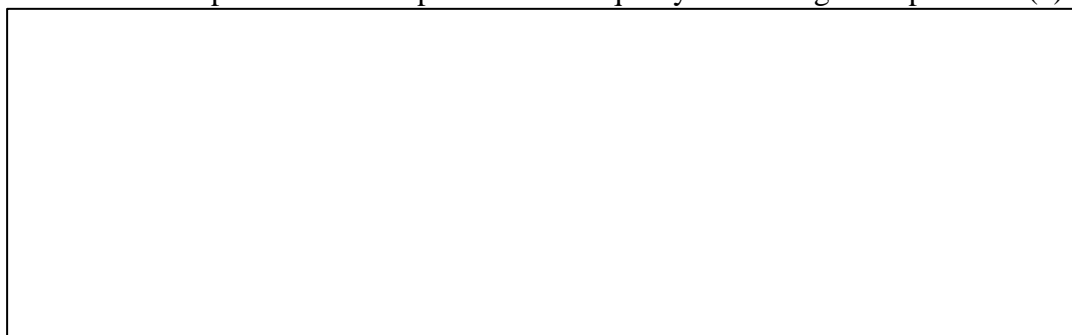
(12)

3. If sand and water are separated (as in the diagram above), what do we call the sand that's left in the paper? _____.
What do we call the liquid that passes through? _____ (don't say water!).
(6)

4. A student is given a beaker full of salt, sand and water mixed together.
How can the student get a sample of pure salt from this mixture?

_____ (6)

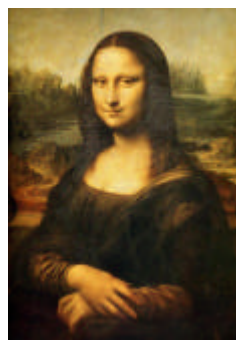
Draw a **labelled** picture of the separation techniques you use to get the pure salt (6)



5. An art gallery wants to see if a painting it has is real or fake. What separation process can the gallery use to test the paint on the canvas?

(3)

Ans = _____



6. Why does marker ink separate out into different colours when you do the experiment shown below?

Ans = _____
 _____ (6)



7. What is the name of the separation technique used to separate **water and alcohol**?

Ans = _____ (3)

8. Answer the questions below,

- (i) What are the 'balls' at **A** called?

- (ii) Does tap water enter at **B** or **C**? _____

- (iii) What is **D** called?

- (iv) What process happens at **E**?

- (v) What liquid collects in **F**?

_____ (15)

