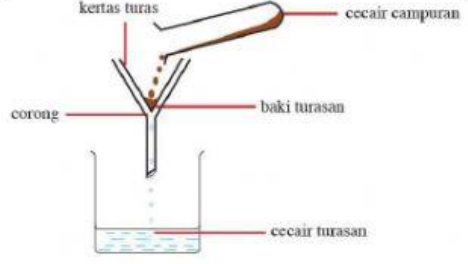
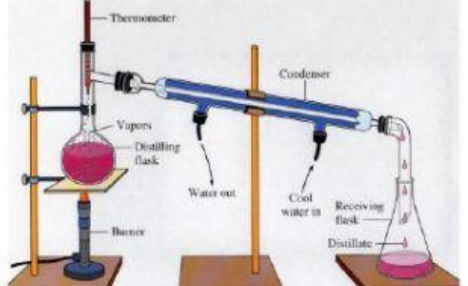




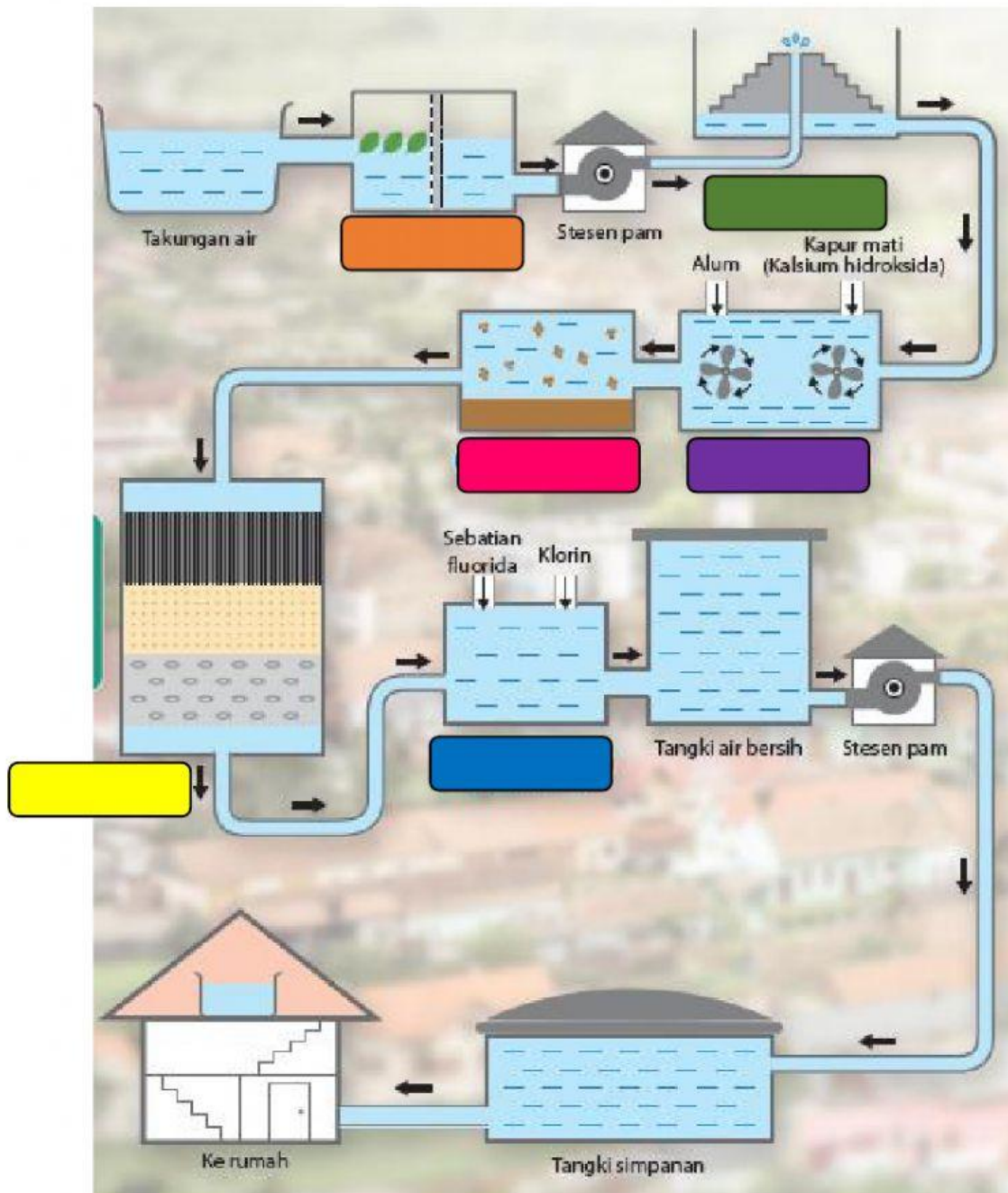
LATIHAN 5.3 - PEMBERSIHAN DAN PEMBEKALAN AIR

Jawab semua soalan.

1. Padankan kaedah pembersihan air yang betul.

Pendidihan	 <p>The diagram shows a funnel with filter paper (kertas turas) inside, placed in a funnel stand (baki turasan). A mixture of liquid (cecair campuran) is being poured from a beaker into the funnel. The liquid passes through the filter paper into a beaker below, labeled as filtered liquid (cecair turasan). The funnel itself is labeled as corong.</p>
Pengklorinan	 <p>The diagram shows a distillation setup. A round-bottom flask (Distilling flask) containing a liquid (Benzin) is heated by a Bunsen burner (Bunsen). A thermometer is inserted into the neck of the flask. Vapors rise from the flask into a condenser tube. The condenser is surrounded by a cooling jacket with 'Water out' and 'Cool water in' ports. The condensed liquid (Distillate) is collected in a receiving flask.</p>
Penyulingan	 <p>The image shows a cylindrical aeration tank with a central vertical shaft. Numerous air bubbles are being dispersed throughout the water in the tank, which is a process used for water purification.</p>
Penurasan	 <p>The diagram shows a glass of water with a chlorine dispenser (Air klorin) being used to add chlorine to the water.</p>

2. Label tangki-tangki yang terlibat dalam proses pembekalan air.



Penapisan

Pengklorinan dan pemfluoridaan

Penurasan

Pengoksidaan

Penggumpalan

Pengenapan

3. Label proses pembekalan air dengan fungsi yang betul.



Penapisan

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Penurasan

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Penggumpalan

Pengenapan