1. Stages would be:

  React excess copper(ii) oxide with dilute sulfuric acid.

  Stir and heat the mixture in a conical flask using a Bunsen burner, tripod and gauze.

  Filter off the excess black solid and collect the blue solution in another conical flask.

  Concentrate the solution by heating in an evaporating basin.

  Leave to stand and cool slowly to form crystals.

  Filter off the crystals and dry between filter papers.