

## YIJC 2025 H2 Chem Prelim Paper 4 Chemical and Apparatus List

### Apparatus

- 1 Burettes x 2
- 2 Burette stand and clamp x 1
- 3 250 cm<sup>3</sup> beakers x 2
- 4 Filter Funnels x 2
- 5 250 cm<sup>3</sup> volumetric flask x 1
- 6 Deionised water x 1
- 7 250cm<sup>3</sup> conical flasks x 2
- 8 25.0 cm<sup>3</sup> pipette x 1
- 9 Pipette filler x 1
- 10 Clean and dry Styrofoam cups x 2
- 11 Styrofoam cup lid x 1
- 12 50 cm<sup>3</sup> Measuring Cylinder x 1
- 13 Thermometer x 1
- 14 Stopwatch x 1
- 15 Dropping pipettes x 4
- 16 Spatula x 1
- 17 Test tube holder x 1
- 18 Boiling Tubes x 3
- 19 Test tubes x 8
- 20 Test tube rack x 1
- 21 Delivery tube x 1
- 22 Red and blue litmus papers
- 23 Universal Indicator paper
- 24 Plain filter strips
- 25 Aluminium foil
- 26 Wooden splints
- 27 Paper towel
- 28 Pen/Marker
- 29 Lighter

Weighing balance and hot water can be accessed at the side benches

### Bench Reagents

- 1 Dilute hydrochloric acid
- 2 Dilute nitric acid
- 3 Dilute sulfuric acid
- 4 Aqueous ammonia
- 5 Aqueous sodium hydroxide
- 6 Aqueous barium nitrate
- 7 Limewater
- 8 Solid sodium carbonate
- 9 Aqueous potassium manganate(VII)
- 10 Aqueous silver nitrate

### Chemicals

- 1 FA 1
- 2 FA 2
- 3 FA 4
- 4 FA 5
- 5 FA 6
- 6 Solution T
- 7 Solution M