

### ***Practical instructions***

***Each learner should be provided with.***

#### ***Item 1:***

*10 cm<sup>3</sup> of 2% amylase solution labelled as Q*

*10 cm<sup>3</sup> of 1% starch solution labelled as T*

*Hot water*

*4 cm<sup>3</sup> of sodium hydroxide*

*4 cm<sup>3</sup> of hydrochloric acid*

#### ***Item 2:***

*Specimen A: Morning glory*

*Specimen B: Maize leaf*

*Specimen C: Cabbage leaf*

*Specimen D: Hibiscus flower*

#### ***Other materials:***

*Thermometer*

*5 test tubes*

*2 plastic beakers*

*1 test tube rack*

*Source of heat*

*Sodium hydroxide*

*Hydrochloric acid*

*Iodine solution*

*Benedict's solution*