2002 HIGHER SCHOOL CERTIFICATE EXAMINATION Chemistry

Section I (continued)

Part B – 60 marks Attempt Questions 16–27 Allow about 1 hour and 45 minutes for this part

Answer the questions in the spaces provided.

Show all relevant working in questions involving calculations.

Question 16 (6 marks)

You have carried out a first-hand investigation to compare the reactivity of an alkene with its corresponding alkane.

- (a) State the name of the alkene. 1
- (b) Outline a procedure to compare the reactivity of this alkene with its corresponding alkane.

(c) Describe the results obtained from this first-hand investigation and include relevant chemical equations.

3

Marks

2