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.

	1.17.
estion 16 (6 marks)	
have carried out a first-hand investigation to compare the reactivity of an alkene its corresponding alkane.	
State the name of the alkene. Ethene	1
Outline a procedure to compare the reactivity of this alkene with its corresponding alkane. Ethere Add halogen (such as Br.) into Solution of Ethene and do same Os to Solution of the ethane which is corresponding with ethene	2
has no colour change; C2Haces + Braces The Mixed Golution of the ethane with has no colour change; C2H6(08) + Brace	valegen (Brs
	have carried out a first-hand investigation to compare the reactivity of an alkene its corresponding alkane. State the name of the alkene. Ethene Outline a procedure to compare the reactivity of this alkene with its corresponding alkane. Ethene Add halogen (such as Br.) into solution of ethene and do same as solution of ethene and do same. Os to solution of the ethane which if corresponding with ethane which if corresponding with ethane which relevant chemical equations. The mixed solution of the ethane with halogen had a colour change is the ethane with halogen the mixed solution of the ethane with halogen had a colour change is the ethane with has no colour change is Callage there.