

2010 HIGHER SCHOOL CERTIFICATE EXAMINATION

Chemistry

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Centre Number

Section I – Part B (continued)

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Student Number

Question 30 (8 marks)

- (a) Compare the process of polymerisation of ethylene and glucose. Include relevant chemical equations in your answer. **3**

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Question 30 continues on page 22

Question 30 (continued)

- (b) Explain the relationship between the structures and properties of THREE different polymers from ethylene and glucose, and their uses. **5**

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End of Question 30