

# CHEMISTRY — 2011

## SECTION B - ANSWER BOOKLET

Write your name, your province and school codes and your candidate number correctly and clearly in the space provided below.

Year		Province		School			Candidate No		
1	1								

Candidate Name: \_\_\_\_\_

School Name: \_\_\_\_\_

Answers written on the QUESTION paper or any other paper will NOT be marked. Write answers in the spaces as provided on this answer booklet.

### FOR MARKERS USE ONLY

	Score	Markers Initials	
		M1	M2
<b>Section B:</b>			
Question 31			
Question 32			
Question 33			
Question 34			
Question 35			
Question 36			
Question 37			
Question 38			
Question 39			
Question 40			
<b>FINAL TOTAL</b>			

## Section B: Answer Booklet

Write your answer in the space provided below. Your answers must be clear and precise.

### QUESTION 31

a)

Ans: \_\_\_\_\_

3

b)

Ans: \_\_\_\_\_

2

c)

Ans: \_\_\_\_\_

2

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**Q31 Total**

### QUESTION 32

a) (i)

1

(ii)

3

b)

Explanation of bonding	Type of bonding and example	Appearance and state at 25°
	Metallic eg; Au	Shiny, solid, malleable and ductile

3

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**QUESTION 33**

a) (i) \_\_\_\_\_

1

(ii) \_\_\_\_\_

1

b) (i) \_\_\_\_\_

1

(ii) \_\_\_\_\_

1

(iii) \_\_\_\_\_

1

c) (i) \_\_\_\_\_

1

(ii) \_\_\_\_\_

1

For Markers Use Only	<b>Q33 Total</b>	
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**QUESTION 34**

a)	_____	2
	_____	
b)	_____	2
	_____	
c) (i)	_____ minutes	1
(ii)	_____ minutes	1
(iii)	_____	1

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**Q34 Total****QUESTION 35**

a) (i)	_____	1
(ii)	_____	1
b) (i)	_____	1
(ii)	_____	1
c) (i)	_____	1
(ii)	_____	1
(iii)	_____	1

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**Q35 Total**

**QUESTION 36**

a)

Ans: \_\_\_\_\_

2

b)

Ans: \_\_\_\_\_

2

c)

Ans: \_\_\_\_\_

3

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**For Markers Use Only****Q36 Total****QUESTION 37**

a) (i) \_\_\_\_\_

1

(ii) \_\_\_\_\_

2

(iii) \_\_\_\_\_

2

b) (i) \_\_\_\_\_

1

(ii) \_\_\_\_\_

1

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**For Markers Use Only****Q37 Total**

**QUESTION 38**

a) (i) anode: \_\_\_\_\_

1

(ii) cathode: \_\_\_\_\_

1

(iii) overall reaction: \_\_\_\_\_

1

b) (i) anode: \_\_\_\_\_

1

(ii) cathode: \_\_\_\_\_

1

c)

2

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**For Markers Use Only****Q38 Total****QUESTION 39**

a) (i) \_\_\_\_\_

3

(ii) \_\_\_\_\_

2

b)

2

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**For Markers Use Only****Q39 Total**

**QUESTION 40**

a) \_\_\_\_\_

2

b) \_\_\_\_\_

2

c) (i) anode: \_\_\_\_\_

1

(ii) cathode: \_\_\_\_\_

1

d) \_\_\_\_\_  
\_\_\_\_\_

1

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**Q40 Total**