

2025 CCO Answer Sheet

Name_____School_____

Account Number_____

1.

a) 2 marks

b) 4 marks

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c) 4 marks

C	11.3	N/A	
O		N/A	
CO			
$\cdot\text{CO}^-$			
$\cdot\text{CO}^+$			

d) 2 marks

2.

a) 4 marks

A large, empty rectangular box with a thin black border, intended for the student's answer to part (a).A second large, empty rectangular box with a thin black border, identical in size and style to the one above, also intended for the student's answer to part (a).

b) 2 marks

☐ A. ☐ B. ☐ C. ☐ D. ☐ E.

c) 4 marks

d) 2 marks

3.

a) 3 marks

A.

B.

C.

D.

E.

F.

G.

H.

b) 3 marks

Formation of **B**:

Formation of **D**:

Formation of **E**:

Formation of **F**:

Formation of **G**:

Reaction of **G** with ...:

c) 6 marks

A.	B.
C.	D.
E.	F.
G.	

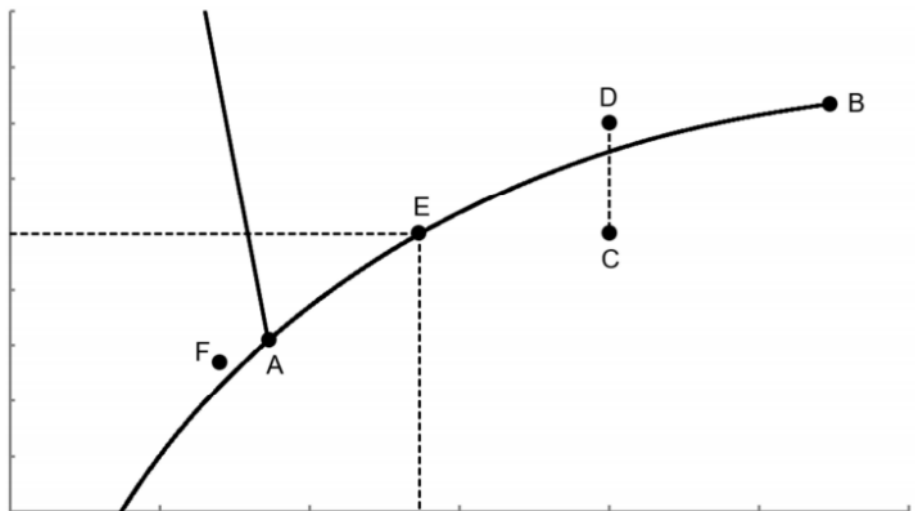
4.

a) 1 mark

b) 1.5 marks

c) 1 mark

d) 1.5 marks



e) 1 mark

- ☐ A ☐ B ☐ C ☐ D ☐ E

f) 1 mark

g) 1 mark

- ☐ A.
☐ B.
☐ C.
☐ D.
☐ E.

h) 2 marks

i) 1 mark

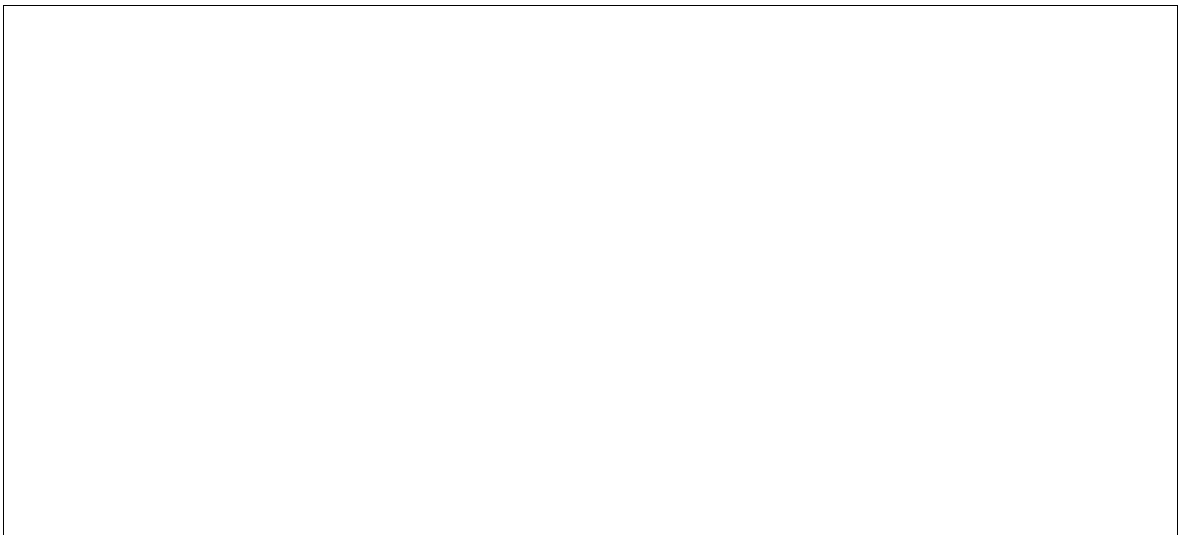
j) 1 mark

5.

a) 1 mark

b) 1 mark

c) 1 mark



d) 2 marks

e) 2 marks

f) 3 marks

C.	D.
E.	F.
G.	H.

g) 2 marks

A	3471 cm ⁻¹	
A	1736 cm ⁻¹	
C	1746 cm ⁻¹	
G	1664 cm ⁻¹	

H	65(73%)	
C	77(49%)	
G	85 (16%)	
A	91 (100%)	
H	105 (100%)	
A	173 (12%)	