Directions
Do not write in this book during perusal time.
You must:
• start your response to each Part B question on a new page
• cross out any draft work that is not to be assessed.

After the examination session
The supervisor will collect this book when you leave.
Planning space
Planning space
Question 7

Before potion added

After potion added
Question 16

- $n = 6 - 0.38 \text{ eV}$
- $n = 5 - 0.54 \text{ eV}$
- $n = 4 - 0.88 \text{ eV}$
- $n = 3 - 1.51 \text{ eV}$
- $n = 2 - 3.39 \text{ eV}$
- $n = 1 - 13.58 \text{ eV}$
Question
Planning space
Planning space
Planning space