

Paper Reference(s) 1CH0/1H
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Chemistry
PAPER 1
Higher Tier

Monday 22 May 2023 – Morning

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

THIS DIAGRAM BOOKLET *MUST* BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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Spare Copies

14	Question 1(a)
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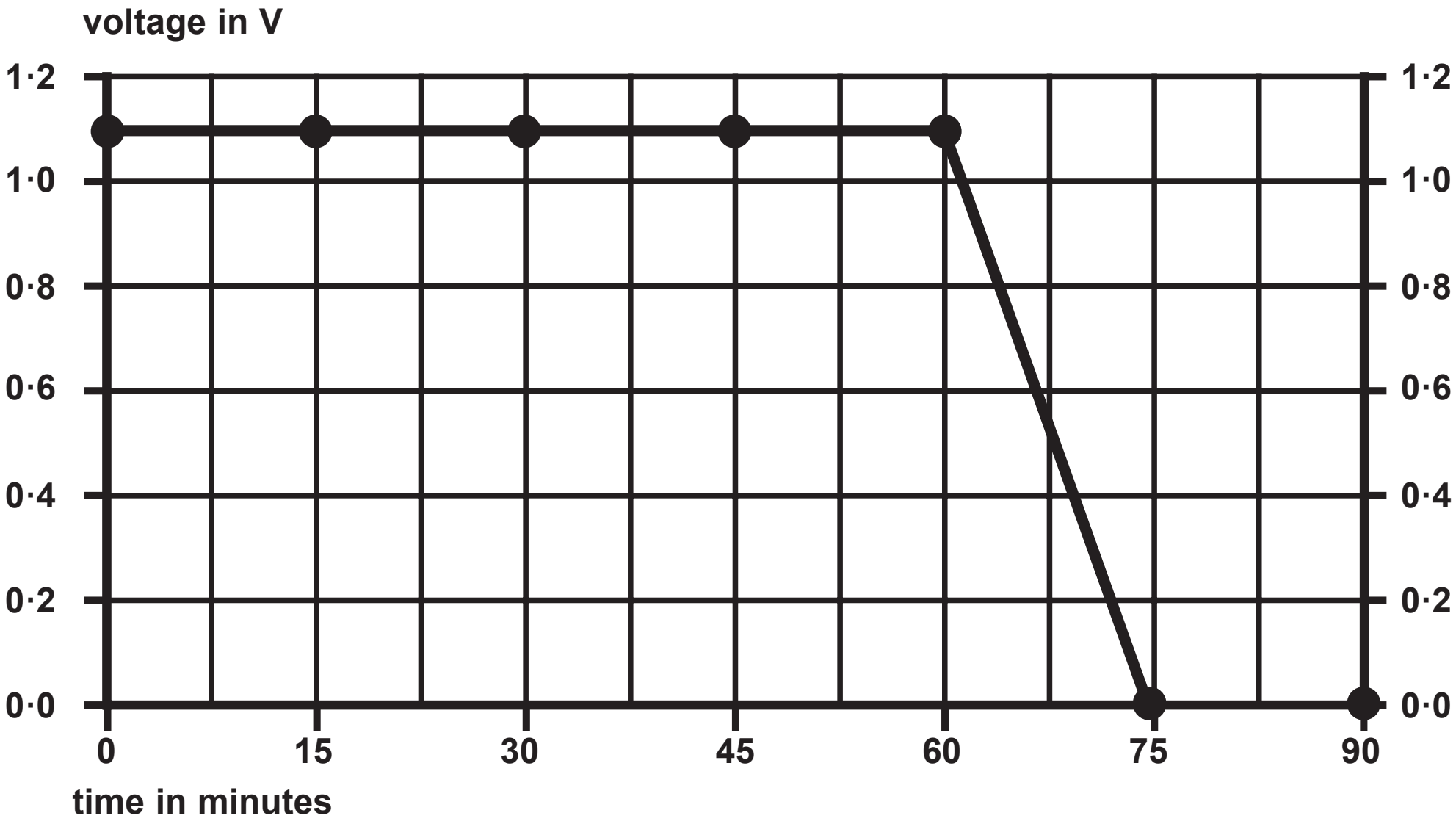
Question 1(a)

FIGURE 1

	isotope A	isotope B
atomic number	1	1
mass number	1	2
number of protons		
number of electrons		
number of neutrons		

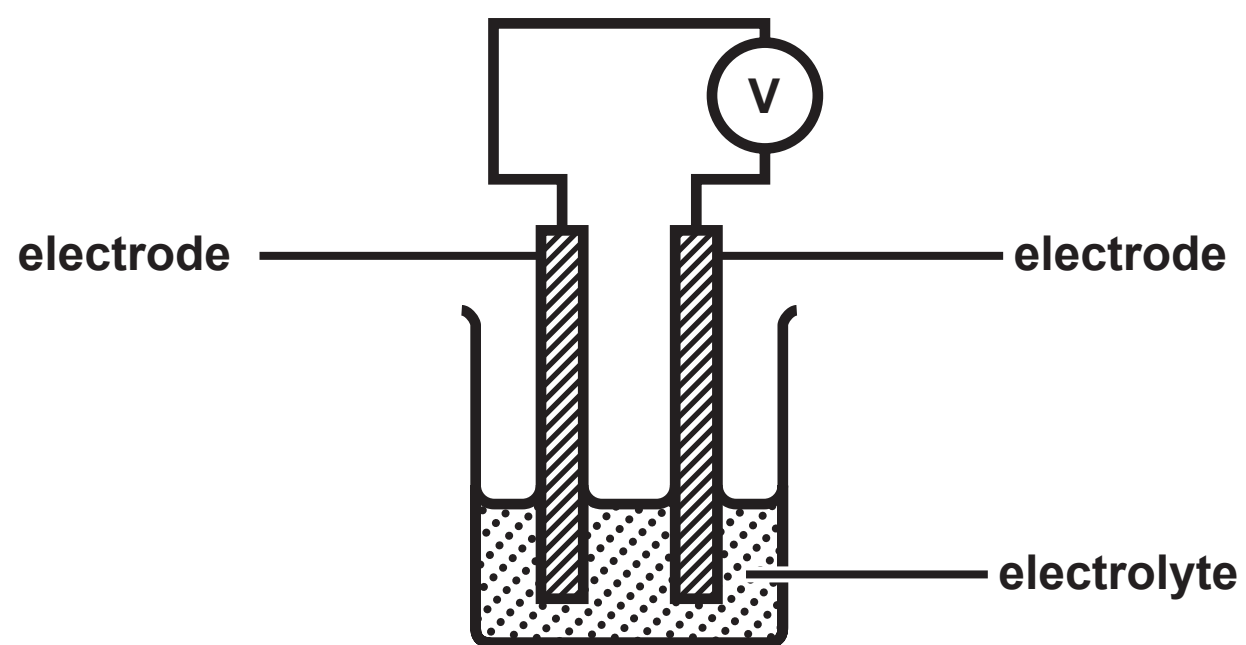
Question 1(b)

FIGURE 2



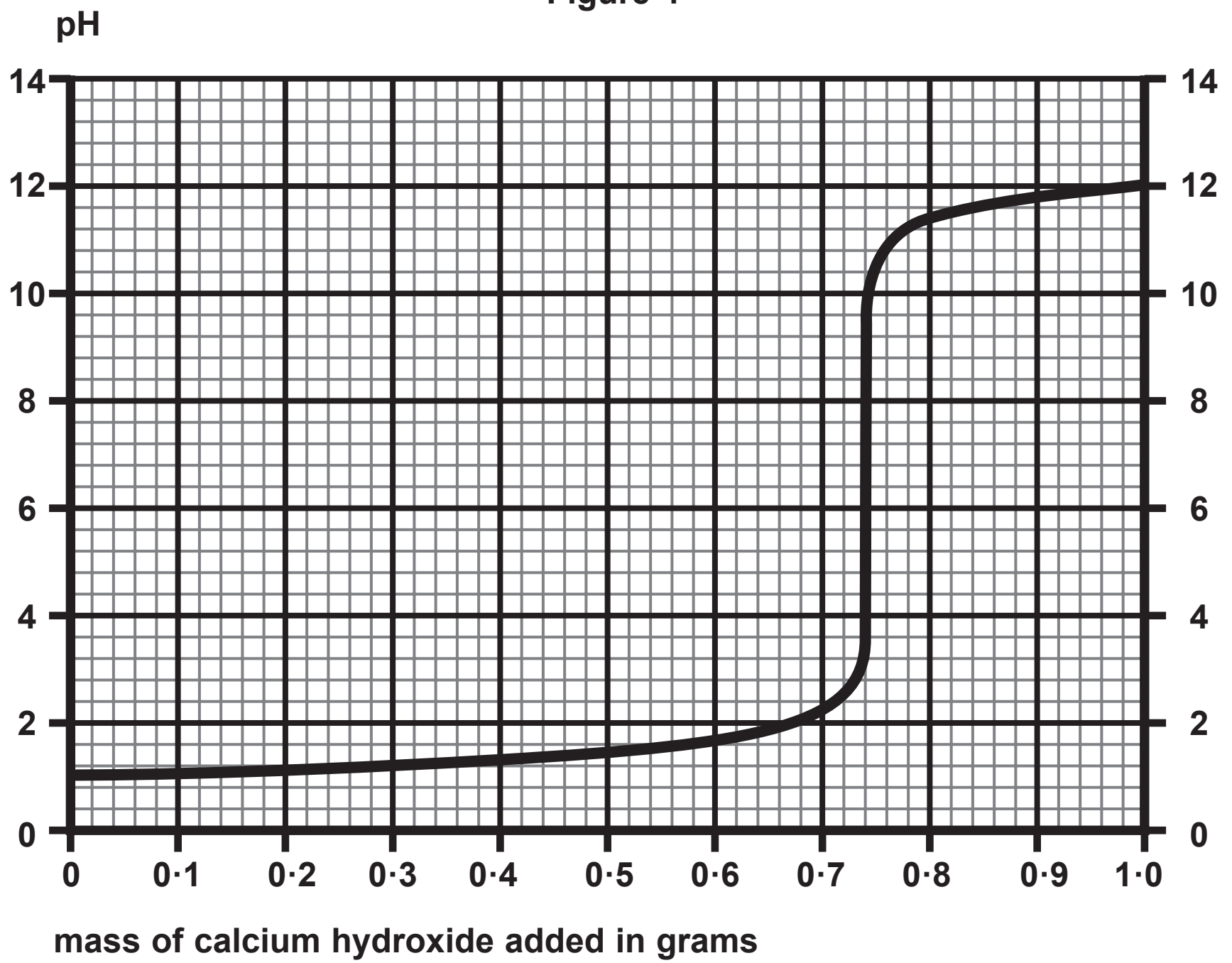
Question 1(c)

FIGURE 3



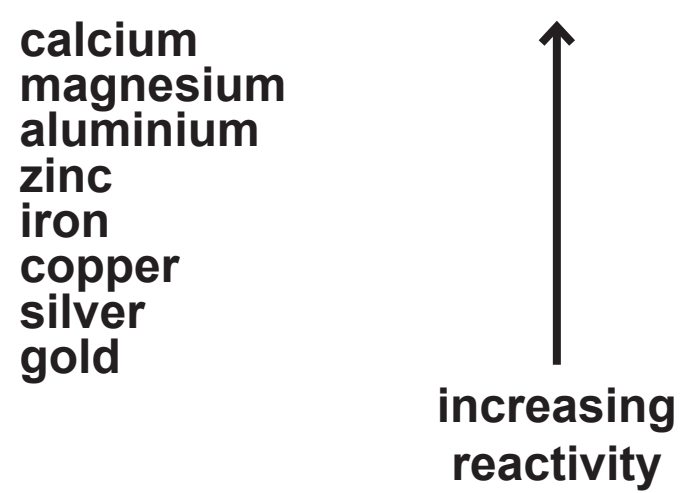
Question 2(d)

Figure 4



Question 3(a)

FIGURE 5



Question 3(b)

FIGURE 6

metal	observations
magnesium	
zinc	bubbles produced at a steady rate test tube feels slightly warm
iron	
copper	no reaction

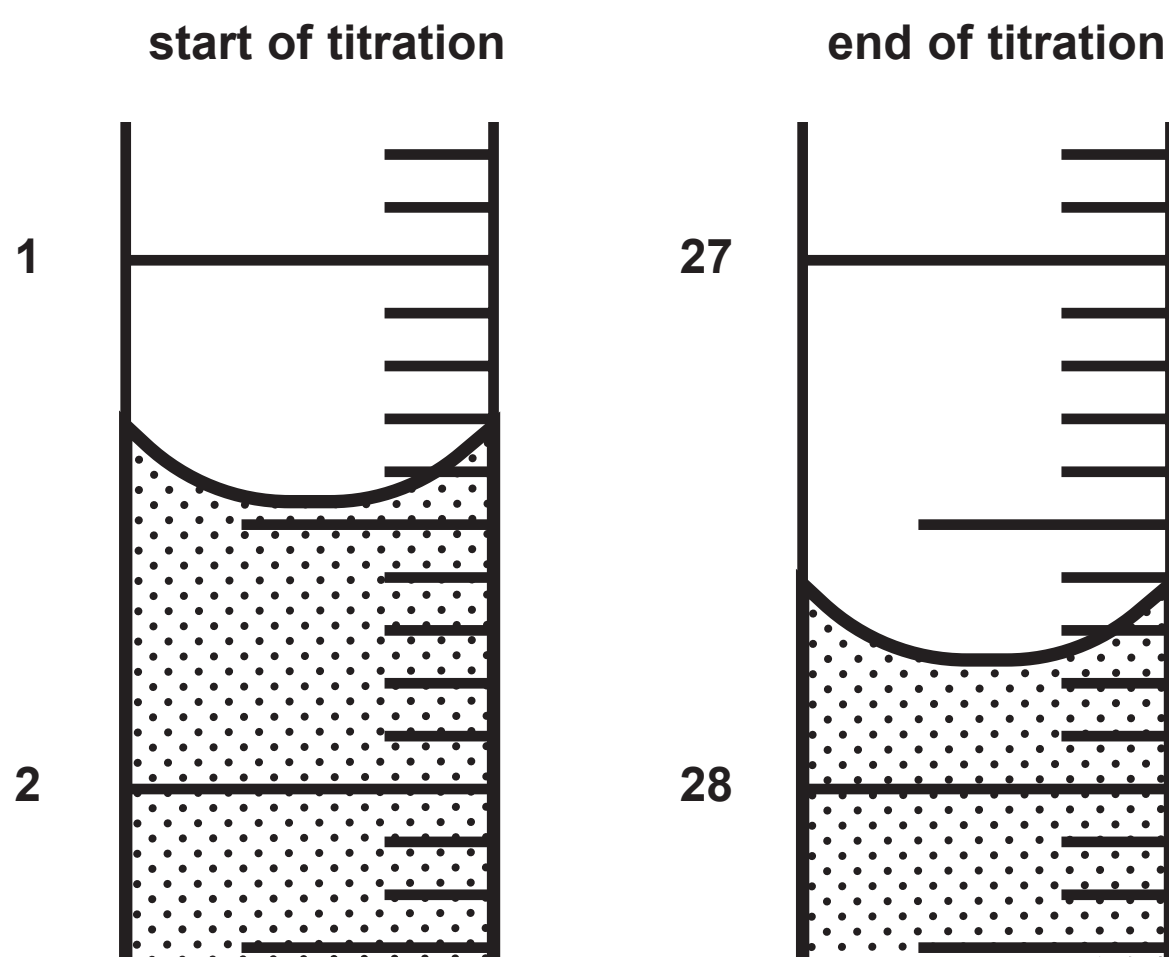
Question 6(b)

FIGURE 7

current in A	mass of copper formed in g
0·0	0·000
0·2	0·040
0·4	0·080
0·6	0·118
0·8	0·158
1·0	0·196

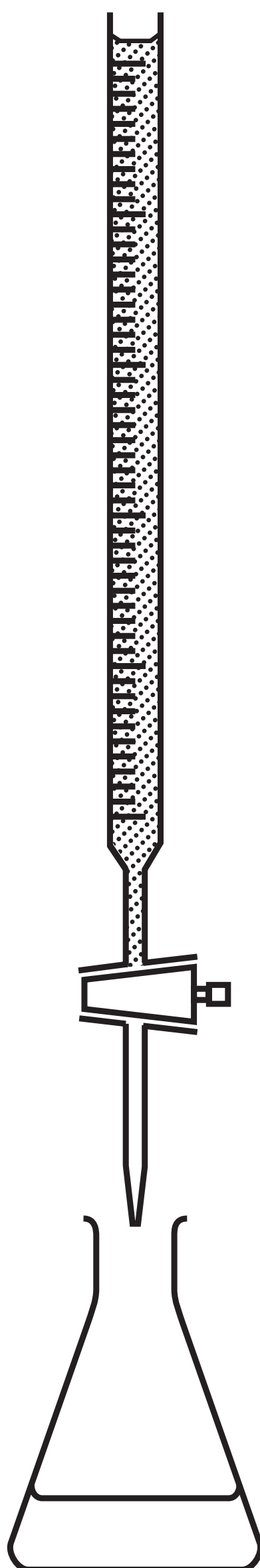
Question 7(b)(i)

FIGURE 8



Question 7(b)(iii)

FIGURE 10



Question 9(a)(ii)

FIGURE 12

sample	melting point in °C
A	160–164
B	166
C	163–165

Question 1(a)

FIGURE 1

	isotope A	isotope B
atomic number	1	1
mass number	1	2
number of protons		
number of electrons		
number of neutrons		