

Paper Reference(s) 1SC0/2CF
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Combined Science
PAPER 5
Foundation Tier

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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Question 1(a)

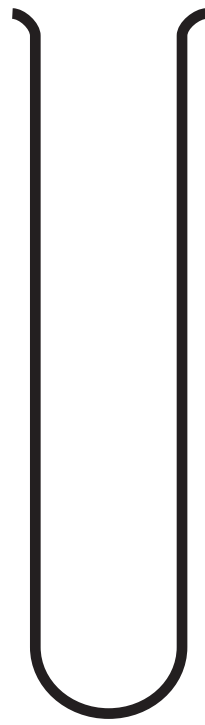
FIGURE 1

symbol	melting point in °C
Li	181
Na	98
K	64

5

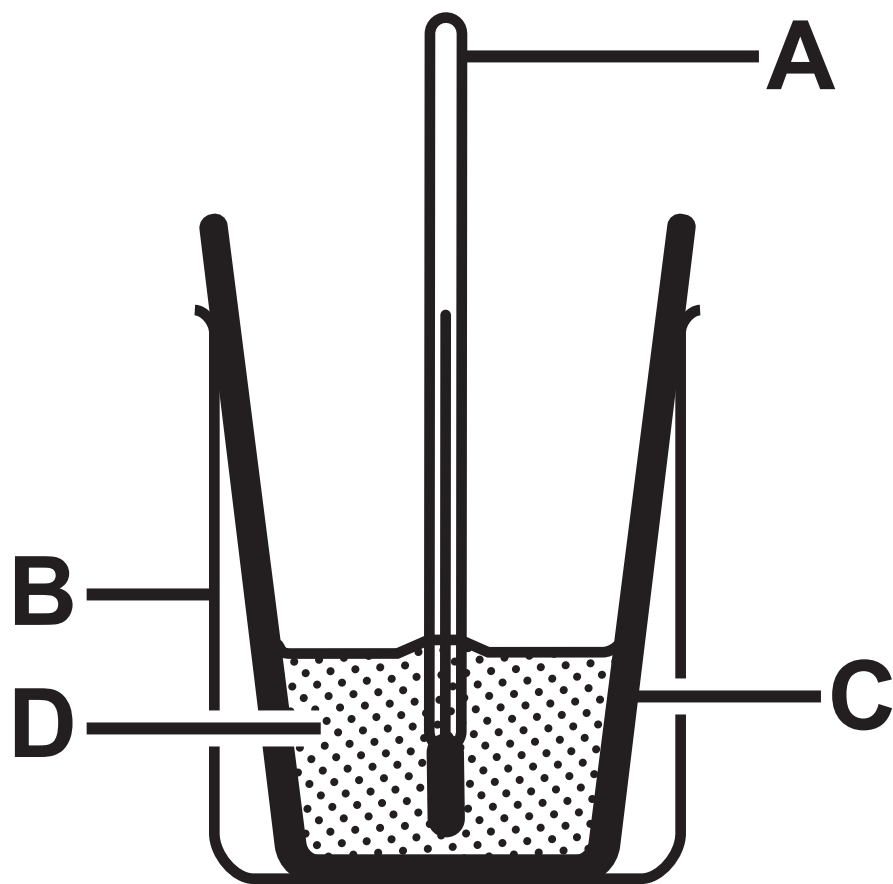
Question 1(b)

FIGURE 2



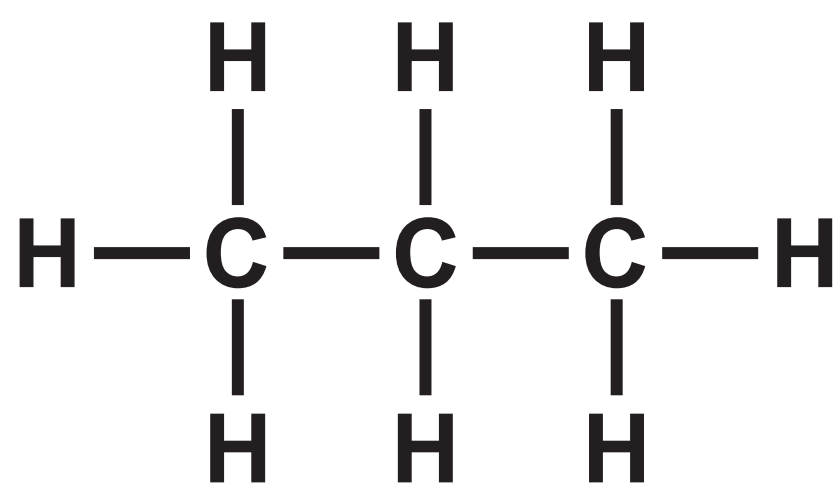
Question 2(b)

FIGURE 3



Question 2(b)(iv)**FIGURE 4**

temperature of liquid at start in °C	18·6
temperature of products at end in °C	16·1

Question 3(a)**FIGURE 5**

Question 3(b)

fraction

use

petrol •

• fuel for aircraft

• fuel for ships

kerosene •

• fuel for cars

• making plastic

bitumen •

• extracting iron

• making road surfaces

Question 3(b)

fraction**use****petrol****• fuel for aircraft****• fuel for ships****kerosene****• fuel for cars****• making plastic****bitumen****• extracting iron****• making road surfaces**

Question 4(b)**FIGURE 6**

halogen	description of reaction with heated iron wool
bromine	reacts quickly
chlorine	reacts very quickly
iodine	reacts slowly

Question 4(c)

an acid

a catalyst

higher

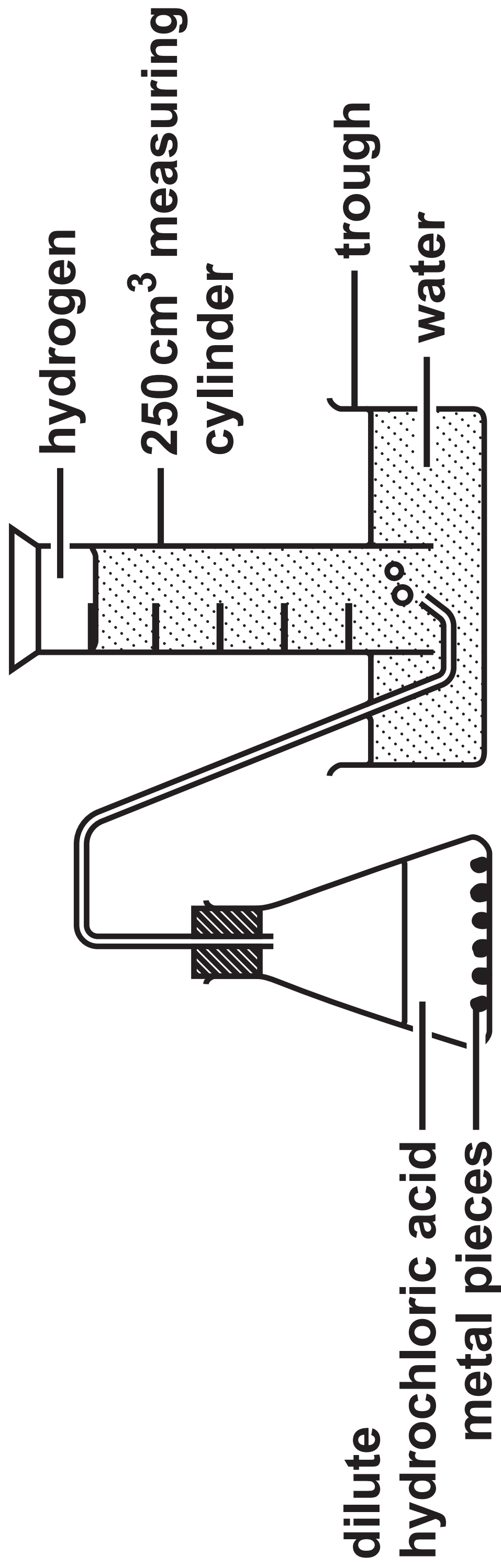
lower

a reactant

unchanged

13
Question 5

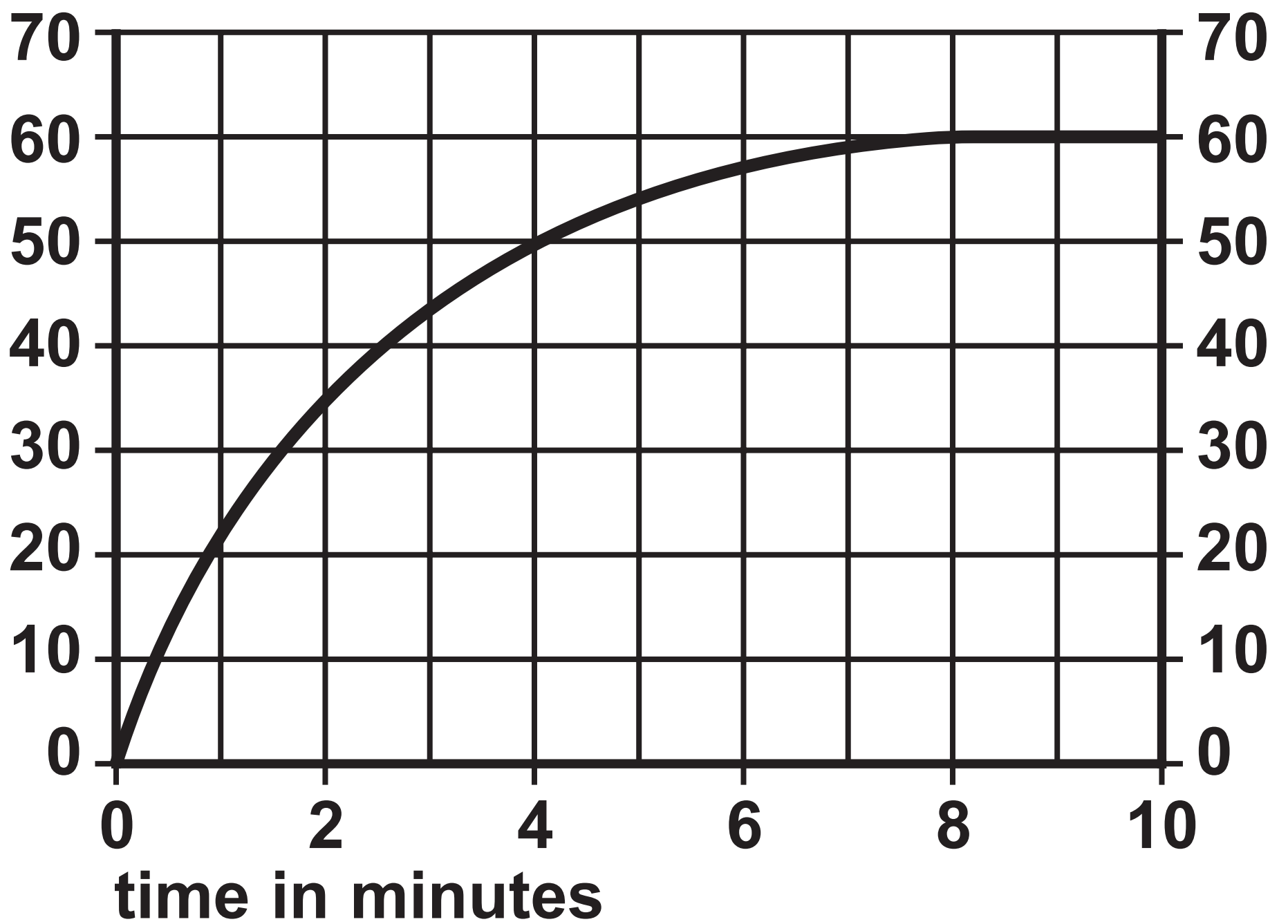
FIGURE 7



Question 5(a)

FIGURE 8

volume of
hydrogen in cm^3



Question 6(d)

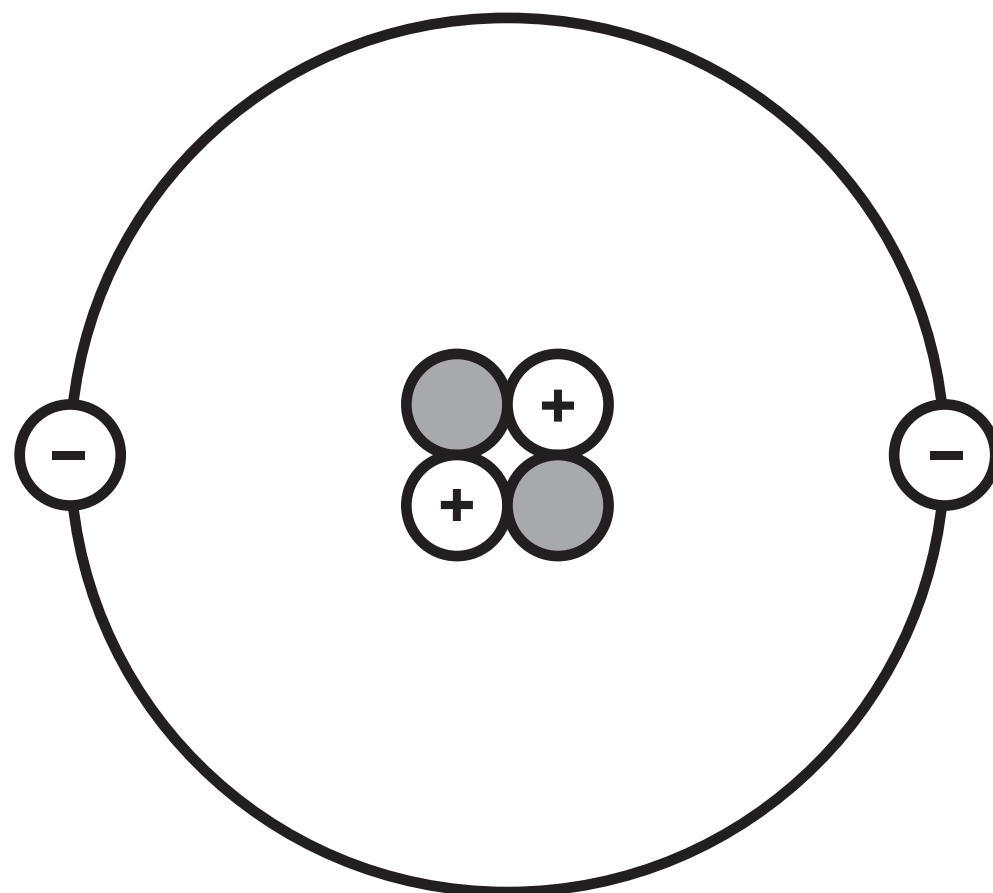
FIGURE 9

Key

⊖ = electron

● = neutron

⊕ = proton



Question 6(e)

FIGURE 10

gas	relative amount in early atmosphere	composition of today's atmosphere
water vapour	large amount	0% to 4%
carbon dioxide	large amount	less than 0.5%
oxygen	little or none	21%