

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					
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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.

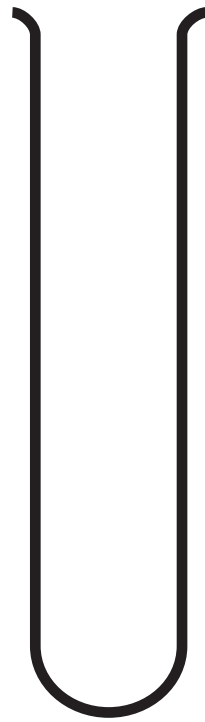
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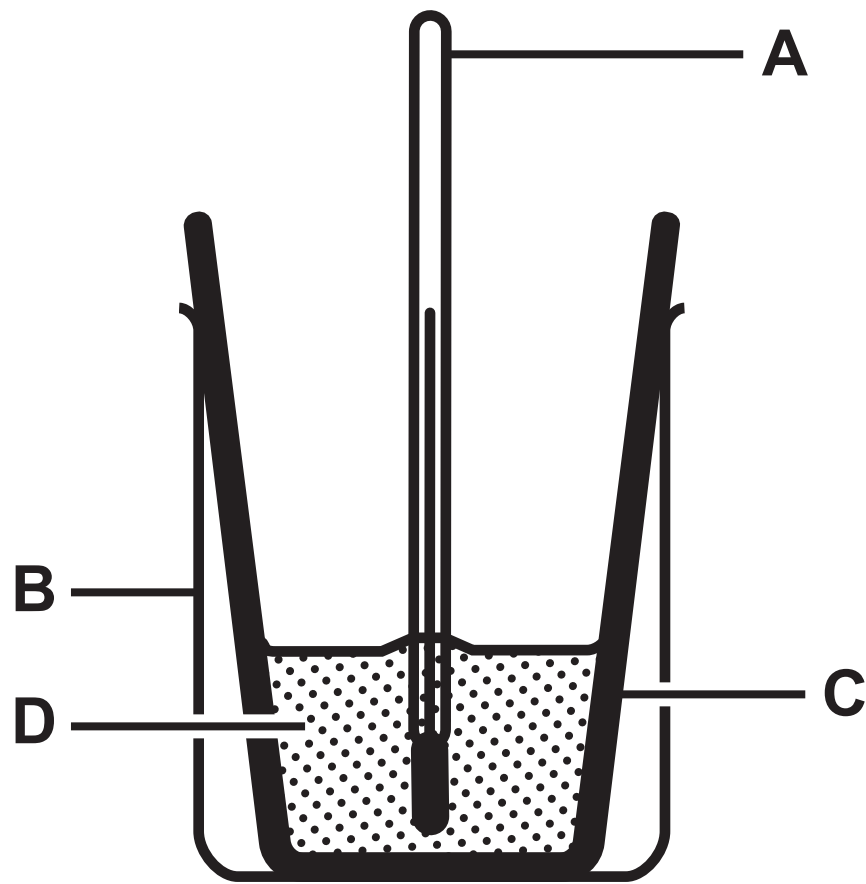
Question 1(a)**FIGURE 1**

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

Question 1(b)**FIGURE 2**

Question 2(b)

FIGURE 3

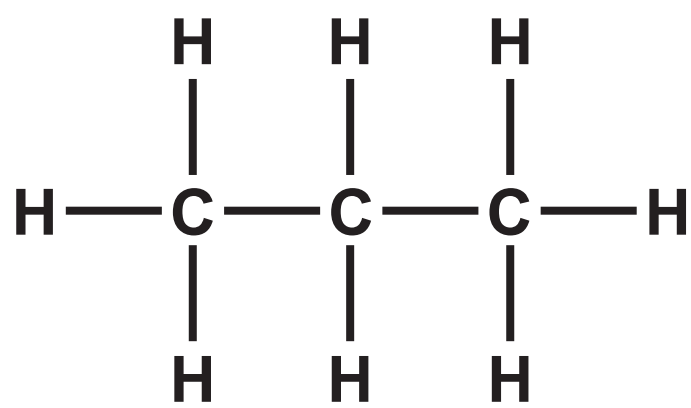


Question 2(b)(iv)**FIGURE 4**

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
kerosene	fuel for ships
bitumen	fuel for cars
	making plastic
	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

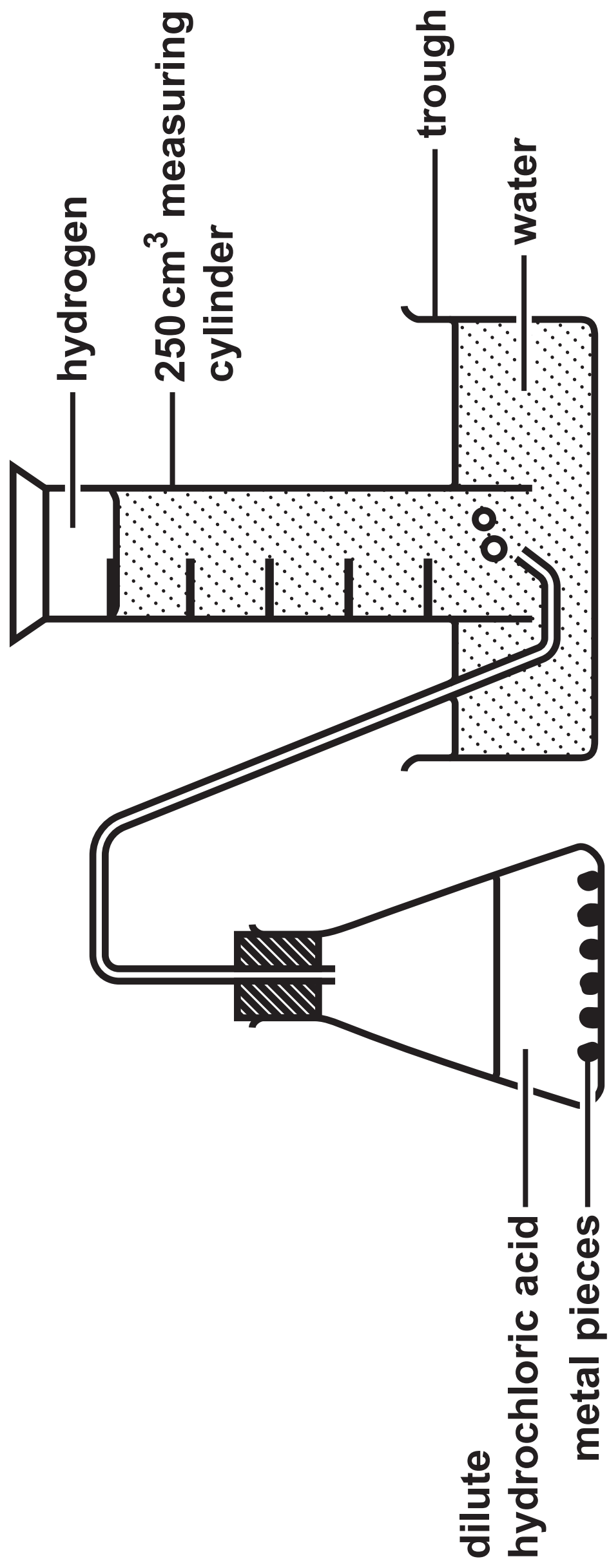
lower

a reactant

unchanged

Question 5

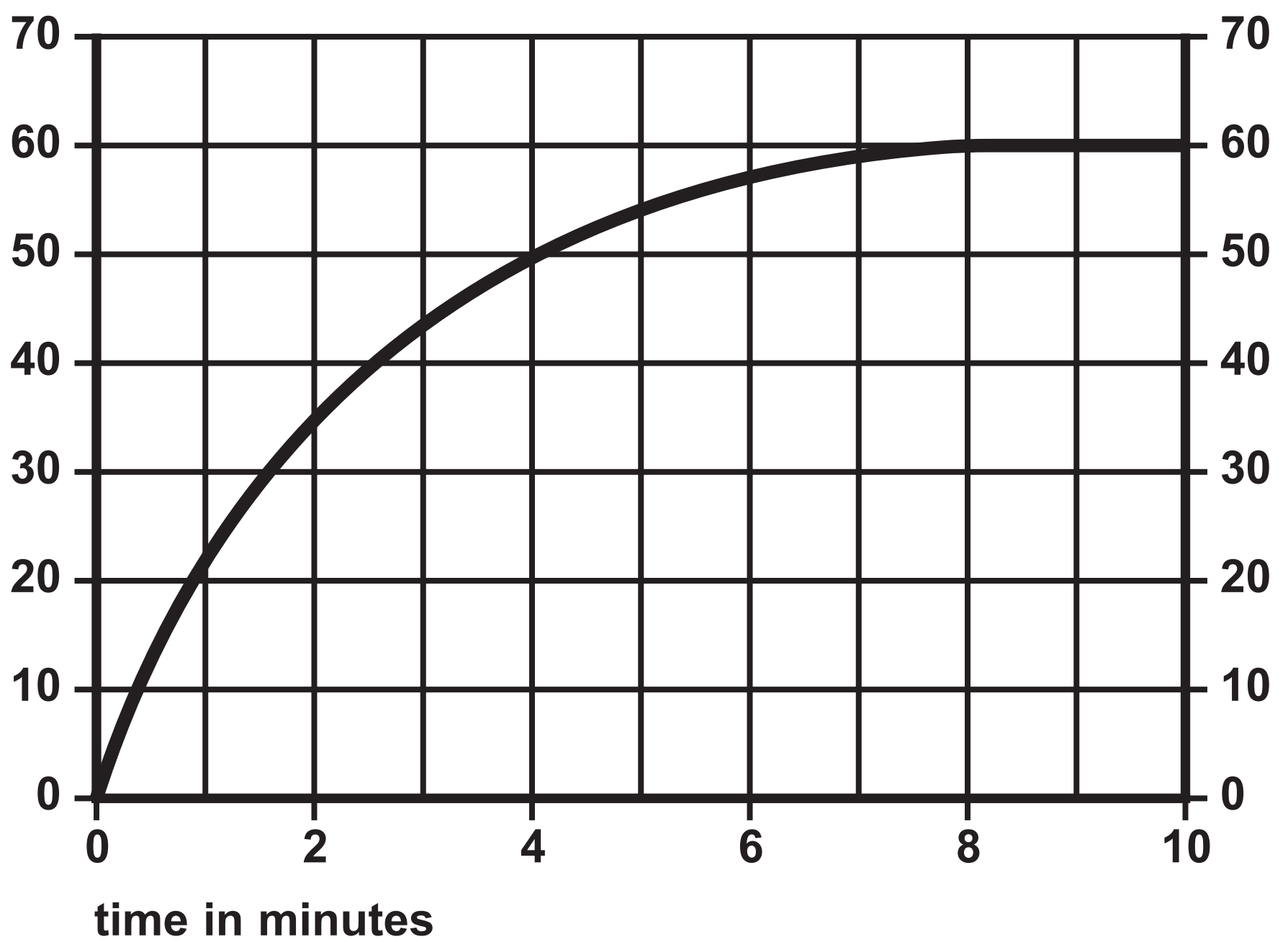
FIGURE 7



Question 5(a)

FIGURE 8

volume of hydrogen
in cm^3



Question 6(d)

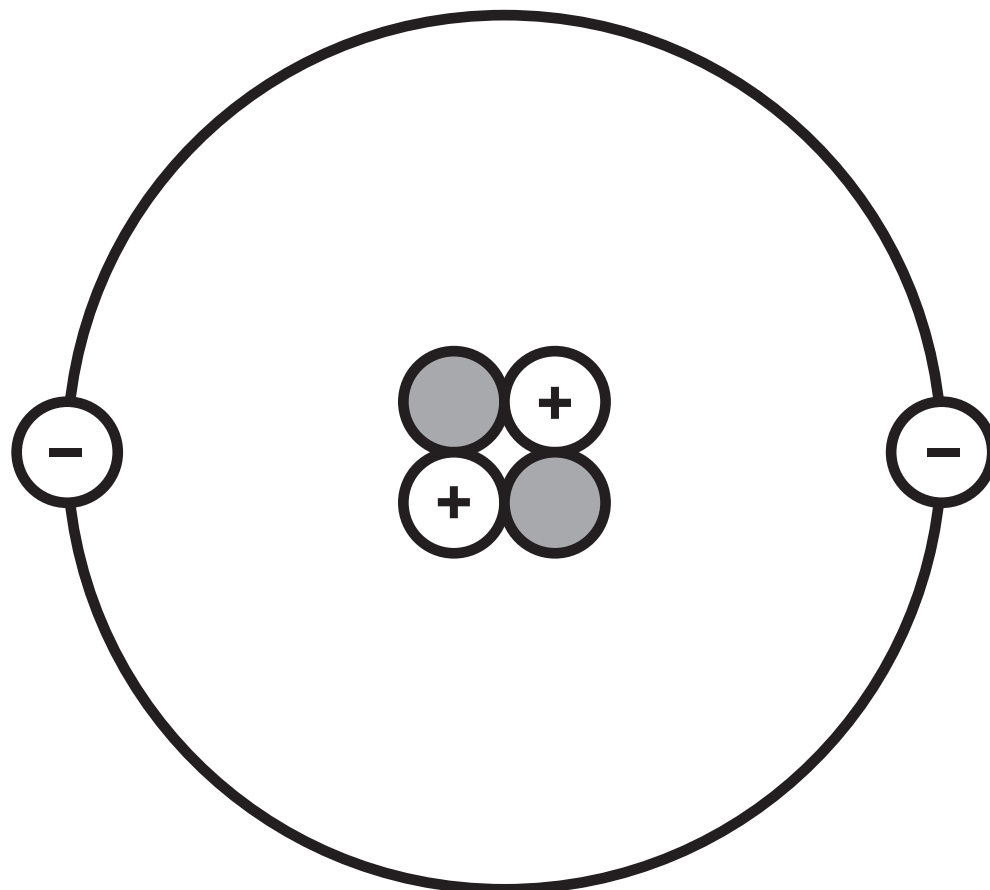
FIGURE 9

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 %