Cambridge Assessment International Education

# Cambridge IGCSE™

**GEOGRAPHY** **0460/41**

Paper 4 Alternative to Coursework **May/June 2020**

INSERT **1 hour 30 minutes**

*9633830369-I*

**INFORMATION**

- This insert contains additional resources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

This document has **8** pages. Blank pages are indicated.

DC (CE/TP) 180462/2
© UCLES 2020

**[Turn over**

**Fig. 1.1 for Question 1**

**Traditional weather station**

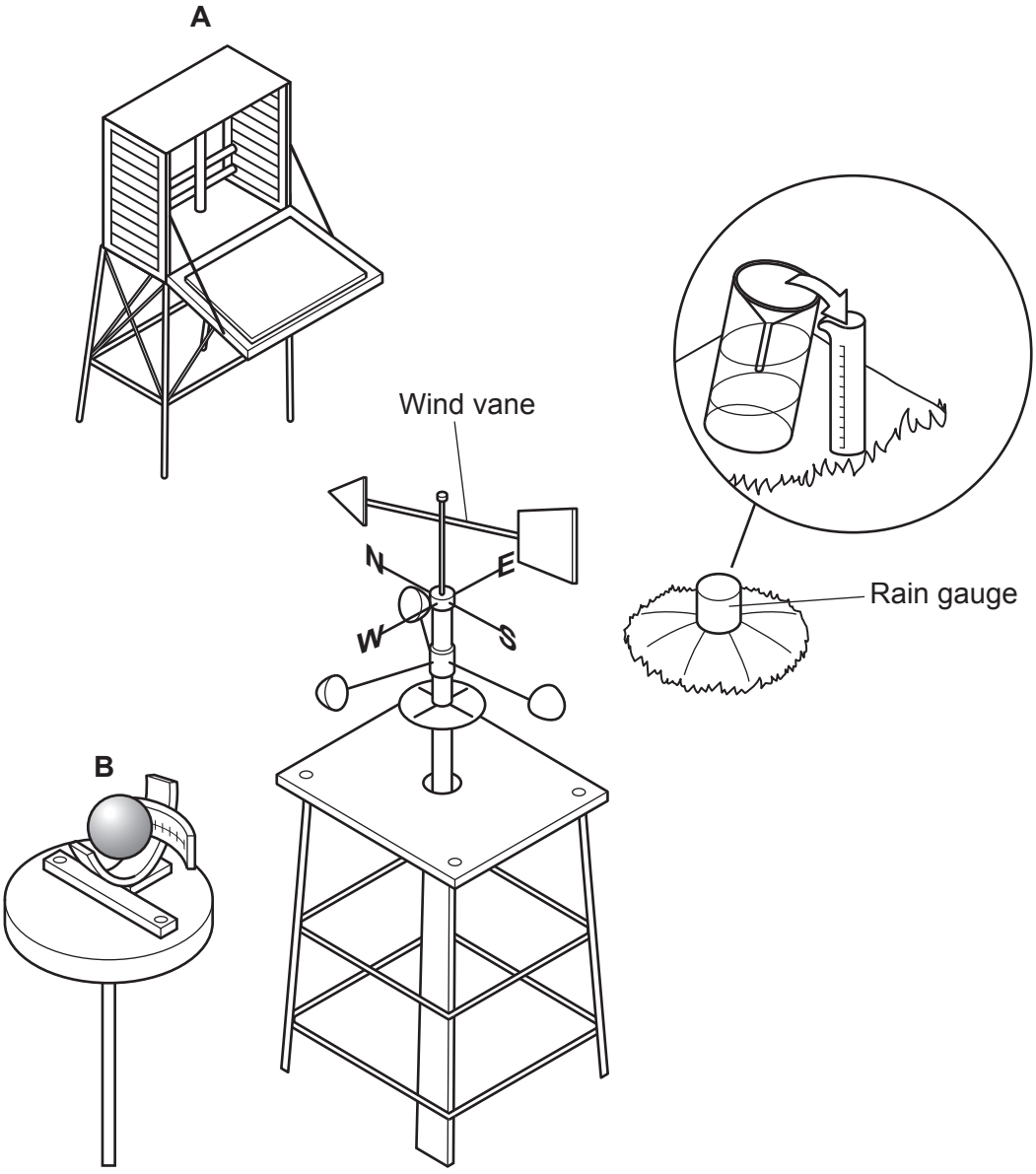


**Table 1.1 for Question 1**

**Results of students' measurements**

| | Time | Computer (C) or student (S) measured | Atmospheric pressure (mb) | Rainfall during last three hours (mm) | Direction wind comes from |
|---|---|---|---|---|---|
| Day 1 | 01:00 | C | 1011 | 0 | N |
| | 04:00 | C | 1010 | 0 | NNW |
| | 07:00 | C | 1009 | 0.3 | N |
| | 10:00 | S | 1008 | 0.1 | N |
| | 13:00 | S | 1008 | 0 | ENE |
| | 16:00 | S | 1006 | 0.9 | NE |
| | 19:00 | S | 1003 | 1.8 | NNE |
| | 22:00 | C | 1002 | 1.9 | NNE |
| Day 2 | 01:00 | C | 1002 | 1.7 | NE |
| | 04:00 | C | 1000 | 1.8 | NE |
| | 07:00 | C | 999 | 1.8 | ENE |
| | 10:00 | S | 997 | 5.6 | ENE |
| | 13:00 | S | 995 | 5.9 | NNE |
| | 16:00 | S | 996 | **4.0** | NNE |
| | 19:00 | S | 997 | 7.5 | NNE |
| | 22:00 | C | 1000 | 0.2 | N |
| Day 3 | 01:00 | C | 1002 | 0.3 | NNW |
| | 04:00 | C | 1005 | 0.9 | NNW |
| | 07:00 | C | 1006 | 0.6 | N |
| | 10:00 | S | 1008 | 0 | NNW |
| | 13:00 | S | 1010 | 0 | WNW |
| | 16:00 | S | **1011** | 0 | WNW |
| | 19:00 | S | **1013** | 0 | NW |
| | 22:00 | C | **1014** | 0 | NW |

© UCLES 2020

**[Turn over**

**Fig. 1.4 for Question 1**

**Three types of cloud**

**Type A**



**Type B**



**Type C**



© UCLES 2020

**Fig. 2.1 for Question 2**

**Categories of land use**

| Land use category | Example of land use |
|---|---|
| Residential | terraced house, detached house, bungalow |
| Industrial | manufacturing, mining, assembly factory |
| Commercial (shops) | food, take-away, furniture, market, specialist goods |
| Entertainment | hotel, sports centre, theatre, cinema |
| Public buildings | college, hospital, place of worship, police station |
| Open space | farmland, park, unused land, sports field |
| Transport | bus station, car park, railway station |
| Services (offices) | financial, business, dentist, doctor, estate agent |

© UCLES 2020

[Turn over

© UCLES 2020

## Fig. 2.2 for Question 2

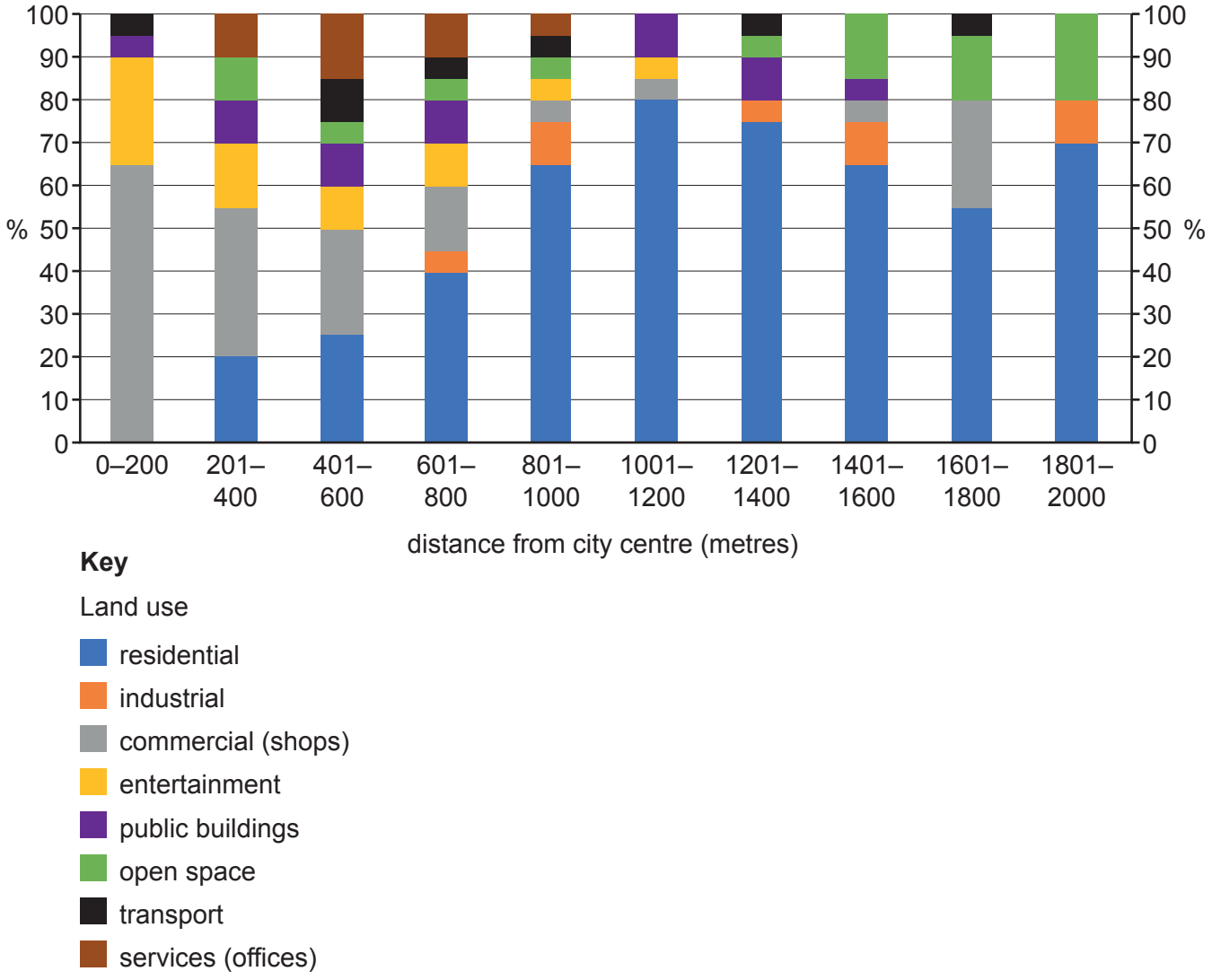
### Students' recording sheet

| Distance from city centre (m) | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | 290 | 300 |
|---|---|---|---|---|---|---|---|---|---|---|
| Land use | hotel | | terraced houses | | clothes store | take-away | drug store (chemist) | café | semi-detached houses | |
| Category | entertainment | entertainment | residential | residential | commercial | commercial | commercial | entertainment | residential | residential |

| Distance from city centre (m) | 310 | 320 | 330 | 340 | 350 | 360 | 370 | 380 | 390 | 400 |
|---|---|---|---|---|---|---|---|---|---|---|
| Land use | park | | greengrocer (fruit and vegetable shop) | hardware shop | supermarket | | accountant | solicitor | fire and ambulance station | |
| Category | open space | open space | commercial | commercial | commercial | commercial | services | services | public | public |

**Fig. 2.4 for Question 2**

**Land use percentages along all six transects**




© UCLES 2020

**BLANK PAGE**

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which itself is a department of the University of Cambridge.

© UCLES 2020