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GEOGRAPHY

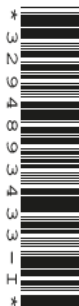
0460/42

Paper 4 Alternative to Coursework

October/November 2025

INSERT

1 hour 30 minutes



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 12 pages. Any blank pages are indicated.

Fig. 1.1 for Question 1

Digital thermometer



Table 1.1 for Question 1

Results of temperature measurements

measuring site location	morning temperature (°C)	afternoon temperature (°C)
sites in the city centre		
pathway between two tall buildings	39.3	39.8
grassland area in urban park	27.7	29.0
main road	41.9	43.3
woodland area in urban park	18.5	27.0
footbridge over main road	37.2	42.7
average of the 5 sites	32.9	36.4
sites in the rural-urban fringe		
farming allotments	28.8	37.1
woodland area	17.5	26.7
grassland area	28.1	32.4
artificial grass on school site	19.2	19.5
main road in front of school	33.3	42.9
average of the 5 sites	25.4	31.7

Fig. 1.3 for Question 1

Digital instrument used to measure wind speed



Table 1.2 for Question 1

Results of wind speed measurements

measuring site location	wind speed in morning (m/sec)	wind speed in afternoon (m/sec)
sites in the city centre		
pathway between two tall buildings	1.3	0.2
grassland area in urban park	0.9	0.8
main road	2.0	1.1
woodland area in urban park	1.3	0.6
footbridge over main road	1.9	1.1
average of the 5 sites	1.5	0.8
sites in the rural-urban fringe		
farming allotments	1.3	1.1
woodland area	0.4	1.0
grassland area	1.5	0.8
artificial grass on school site	1.2	1.5
main road in front of school	1.1	1.1
average of the 5 sites	1.1	1.1

Fig. 1.5 for Question 1

A simple wind vane

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Fig. 1.6 for Question 1

A person using the wind vane

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Fig. 2.1 for Question 2

A squatter settlement in Mumbai



Fig. 2.2 for Question 2

An area of permanent housing in Mumbai



Fig. 2.3 for Question 2

Resident questionnaire

I am a student in Mumbai doing a study of diseases and treatment facilities. Please answer the following questions.

Housing area

- ☐ squatter settlement
- ☐ permanent housing area

1 Which of the following diseases have members of your family suffered from in the last month?

- ☐ cholera
- ☐ diabetes
- ☐ diarrhoea
- ☐ malaria
- ☐ tuberculosis
- ☐ typhoid

2 Which **one** of the following do you go to for treatment of an illness or disease?

- ☐ clinic or hospital run by a charity or NGO (non-governmental organisation)
- ☐ family or friends
- ☐ government doctor, clinic or hospital
- ☐ private doctor or clinic

Thank you for your help.

Table 2.1 for Question 2

Answers to question 1 in the questionnaire

Which of the following diseases have members of your family suffered from in the last month?

disease	people in squatter settlement	people in permanent housing area
cholera	37	17
diabetes	14	15
diarrhoea	95	71
malaria	15	20
tuberculosis	50	22
typhoid	48	16
total number of people suffering from disease	259	161

Table 2.2 for Question 2

Answers to question 2 in the questionnaire

Which **one** of the following do you go to for treatment of an illness or disease?

	people in squatter settlement (%)	people in permanent housing area (%)
clinic or hospital run by a charity or NGO	3	2
family or friends	3	3
government doctor, clinic or hospital	25	21
private doctor or clinic	69	74

Note: NGO is a non-governmental organisation.

Table 2.3 for Question 2

Answers to extra question

What is the main reason you chose **not** to use health facilities provided by the government?

reason	people in squatter settlement (%)	people in permanent housing area (%)
long distance to travel to the medical facilities	33	29
poor quality of treatment	27	32
long waiting times for treatment	24	26
limited and inconvenient opening hours	14	11
lack of qualified medical staff	2	2

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