| Candidate Name | School Name |
|---|---|
| | |

# JUNIOR SECONDARY SEMI-EXTERNAL CERTIFICATE

## GEOGRAPHY 2300/2

PAPER 2 1 hour 30 minutes

Marks 40 **2018**

Additional Materials: Non-programmable calculator
Protractor
Ruler

## INSTRUCTIONS AND INFORMATION TO CANDIDATES

- Write your Candidate Name and School Name in the spaces at the top of this page.
- Write your answers on the Question paper.
- Write in dark blue or black pen.
- Use a pencil for any diagrams or graphs.
- Do not use correction fluid.
- You may use a non-programmable calculator.
- Do not write in the margin for *Examiner's Use*.
- Answer **all** questions.
- All working must be clearly shown.
- Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.
- The number of marks is given in brackets [ ] at the end of each question or part question.

| For Examiner's Use | | |
|---|---|---|
| **1** | | |
| **2** | | |
| **3** | | |
| **4** | | |
| **5** | | |
| **Total** | | |

| | | |
|---|---|---|
| *Marker* | | |
| *Checker* | | |

This document consists of **9** printed pages.

Republic of Namibia
**MINISTRY OF EDUCATION, ARTS AND CULTURE**

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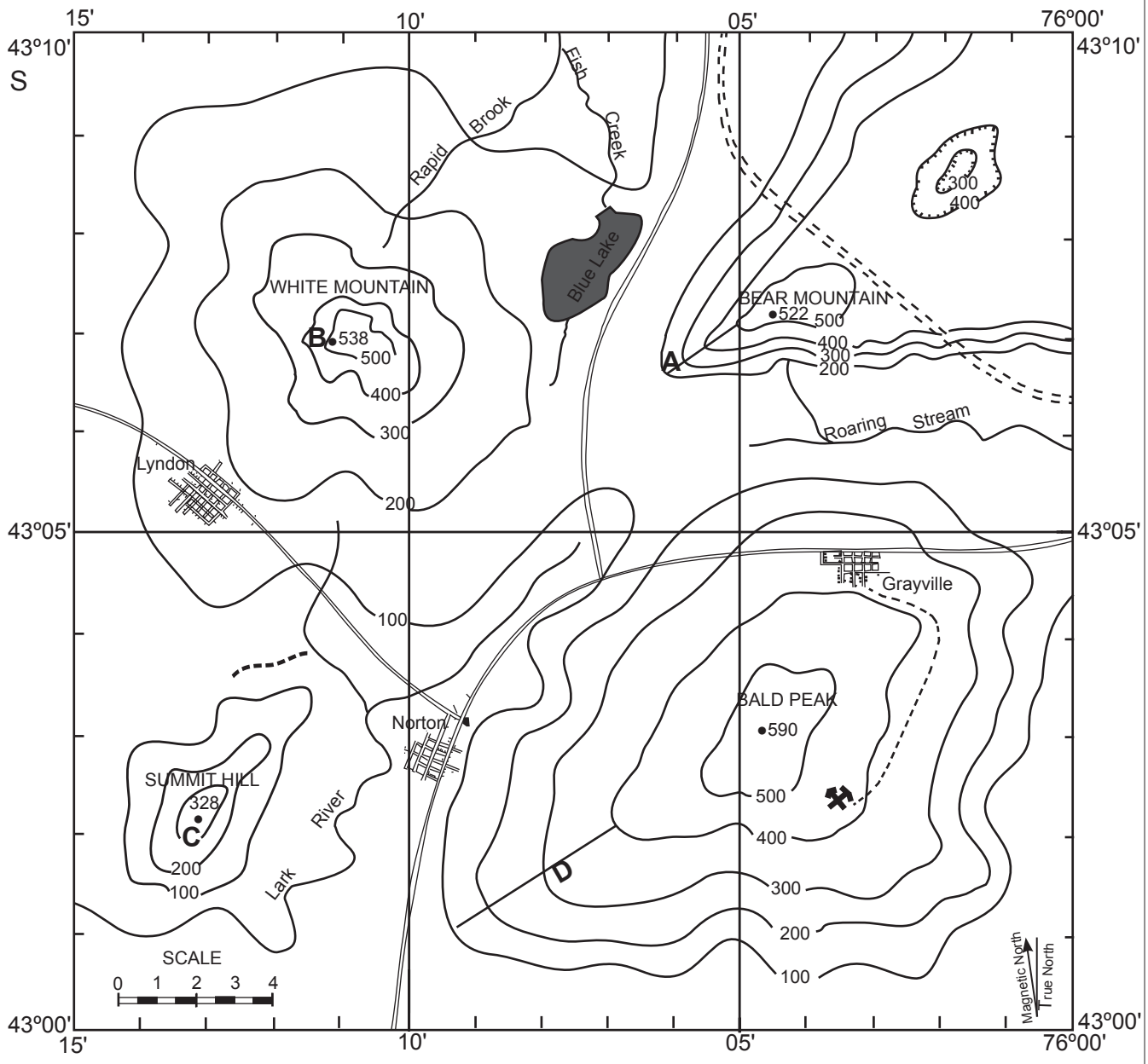
**[Turn over**

For Examiner's Use

**1** Study Fig. 1, which shows an extract of a contour map of an area in the Southern Hemisphere.




Contour interval = 100m

**Key symbols:**

- Excavation
- Railway
- Road
- Track
- Mining
- Perennial river
- Non Perennial river

**Key locations:**

**A** Bear Mountain
**B** White Mountain
**C** Summit Hill
**D** Bald Peak

**Fig. 1**

For Examiner's Use

**(a) (i)** State the direction of flow of the Lark River.

..... [1]

**(ii)** From map evidence only name **one** source of water supply to the area.

..... [1]

**(iii)** Suggest **one** reason for the route both the rivers and the road are taking.

..... [1]

**(iv)** Suggest the purpose of the railway built next to Bear Mountain.

..... [1]

**(b) (i)** Name the landform at **A**.

..... [1]

**(ii)** Describe **one** difference between the slopes indicated as **A** and **D**.

.....

..... [1]

**(iii)** Determine the direction from spot height 328 at **C** to spot height 538 at **B**.

..... [1]

**(iv)** Make use of the line scale to determine the shortest distance between spot height 522 at **A** to spot height 538 at **B**.

..... [1]

**(c) (i)** Describe the pattern of the built-up areas of the settlements.

..... [1]

**(ii)** Compare the distribution of the different settlements.

..... [1]

**(iii)** Suggest the possible occupation of most of the workers from Grayville.

..... [1]

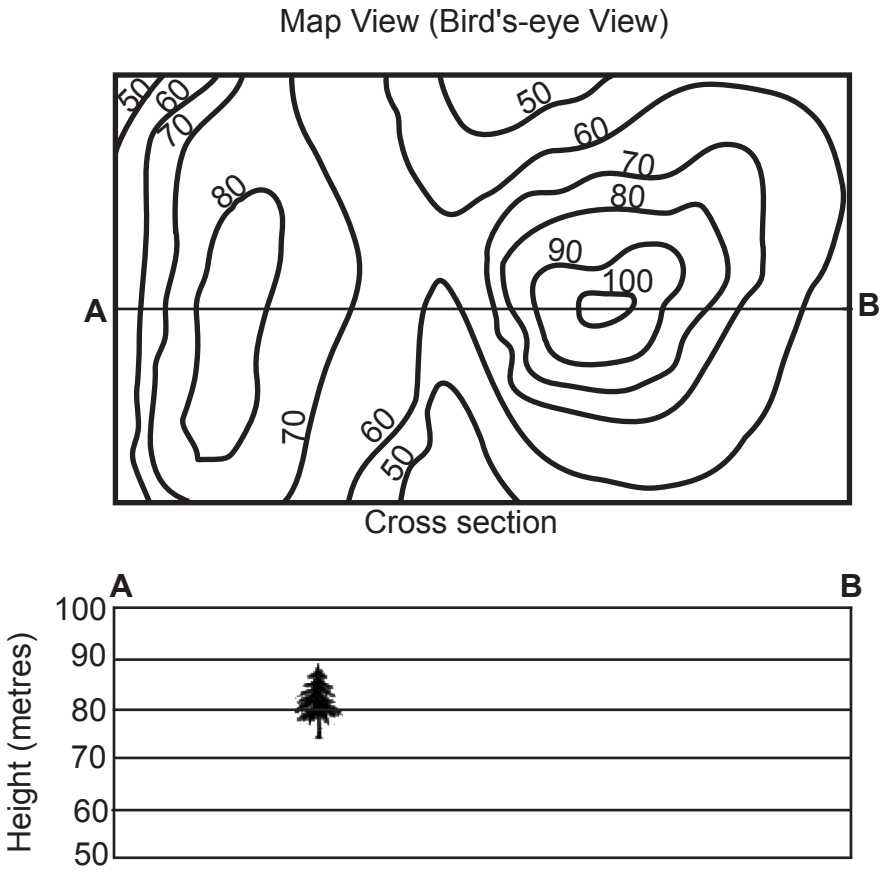
**(d)** Find the exact location in degrees and minutes of spot height 538 at **B**.

.....

..... [2]

*For Examiner's Use*

**(e)** Using Fig. 2, draw a cross-section of the area along the line A-B. Use the prepared frame below.




[4]

**Fig. 2**

**[17]**

For Examiner's Use

**2** Study Fig. 3, which shows world population growth.

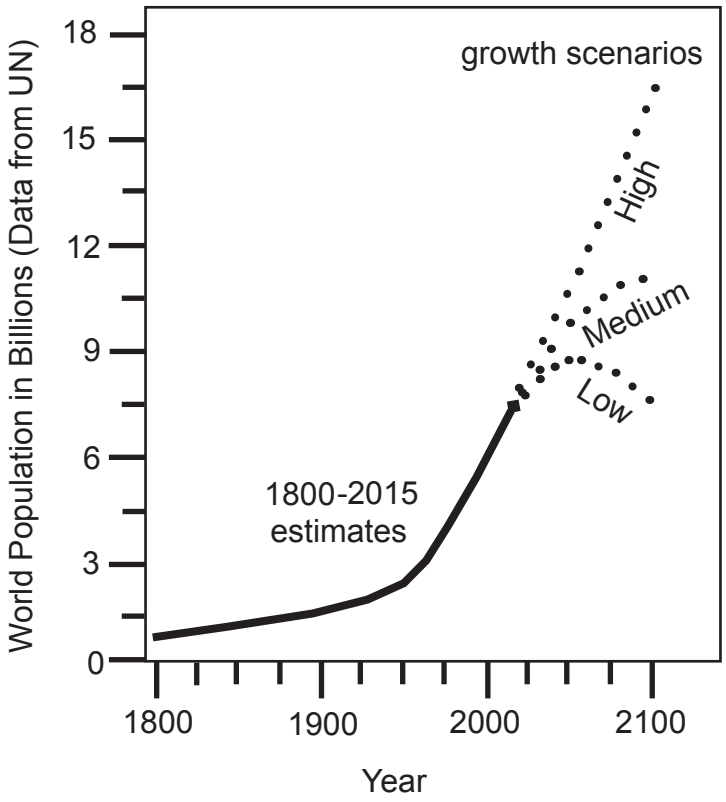



**Fig. 3**

**(a)** Describe the population growth between 1800 and 1950.

.....

.....

.....

..... [2]

**(b)** Describe the population growth between 1950 and 2100.

.....

.....

.....

..... [2]

**(c)** **(i)** Which scenario (High, Medium or Low), will describe the population growth of developing countries better?

..... [1]

**(ii)** Give **one** reason for your answer in **(c) (i)**.

.....

..... [1]

**[6]**

For Examiner's Use

**3** The following temperature and rainfall figures in Table 1 were taken over a period of 14 days.

**TABLE 1**

| Day | Maximum Temperature (°C) | Minimum Temperature (°C) | Rainfall (mm) |
|---|---|---|---|
| 1 | 28.2 | 12.0 | 0.0 |
| 2 | 29.9 | 15.5 | 0.0 |
| 3 | 31.5 | 18.0 | 0.0 |
| 4 | 30.5 | 17.0 | 0.0 |
| 5 | 31.2 | 17.6 | 2.6 |
| 6 | 23.2 | 16.5 | 2.6 |
| 7 | 28.6 | 15.8 | 0.0 |
| 8 | 28.6 | 18.5 | 0.2 |
| 9 | 28.0 | 18.2 | 9.2 |
| 10 | 26.7 | 16.6 | 9.0 |
| 11 | 25.7 | 16.5 | 1.2 |
| 12 | 26.5 | 15.8 | 0.0 |
| 13 | 22.0 | 17.5 | 0.0 |
| 14 | 28.8 | 15.0 | 0.0 |

**(a)** Calculate the mean (average) temperature for day 5.

Show you working.

.....

..... [2]

**(b)** Calculate the maximum temperature range during the 14 day period.

Show your working.

..... [2]

**(c)** Calculate the total rainfall over the 14 day period.

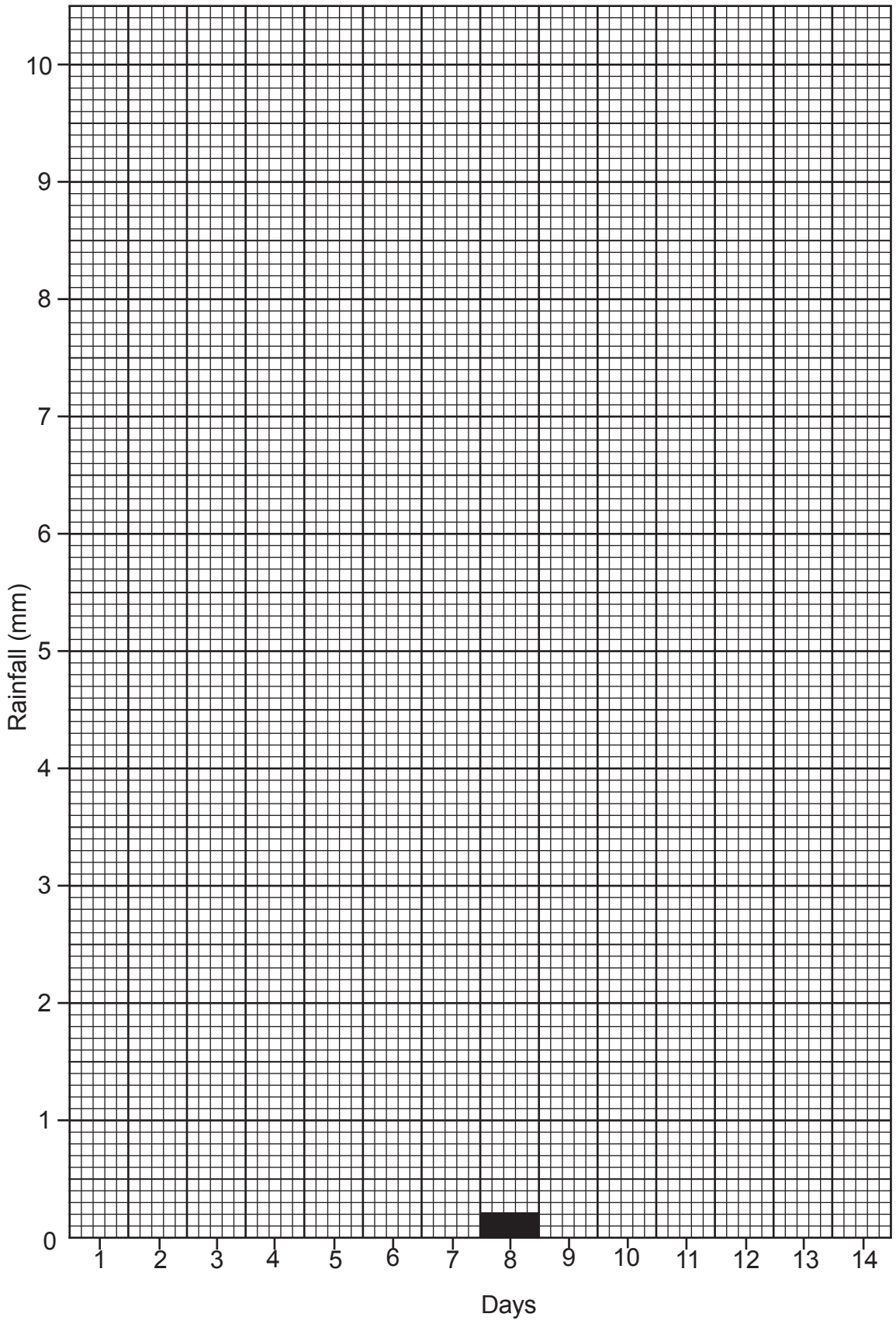
Show your working.

.....

..... [1]

*For Examiner's Use*

**(d)** Use the rainfall information in Table 1 and complete the bar graph. Day 8 has been completed for you.




[3]

**[8]**



**[Turn over**

For Examiner's Use

**4** Study Fig. 4, which shows a type of wind.

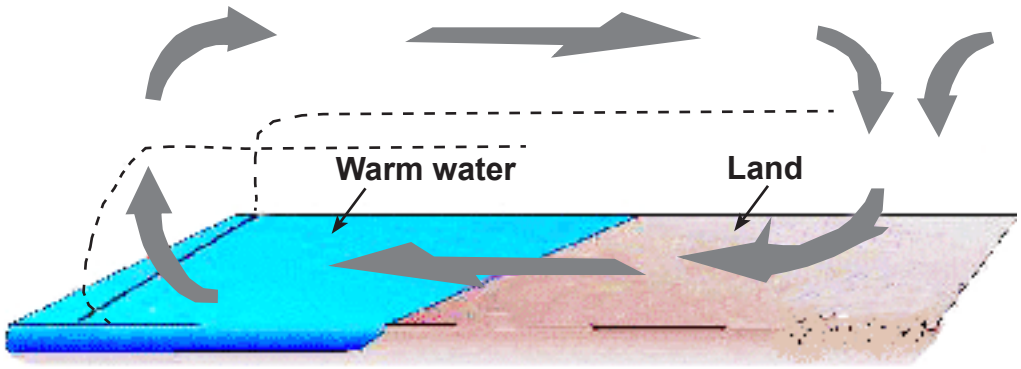



**Fig. 4**

**(a)** Name the type of wind shown.

..... [1]

**(b)** Using Fig. 4, explain why a low pressure system developed over the ocean and a high pressure system over the land during the night.

.....

.....

.....

.....

.....

..... [3]

**[4]**

For Examiner's Use

**5** Study Fig. 5, which shows the percentage of primary school age children who don't attend school in Africa and the world.

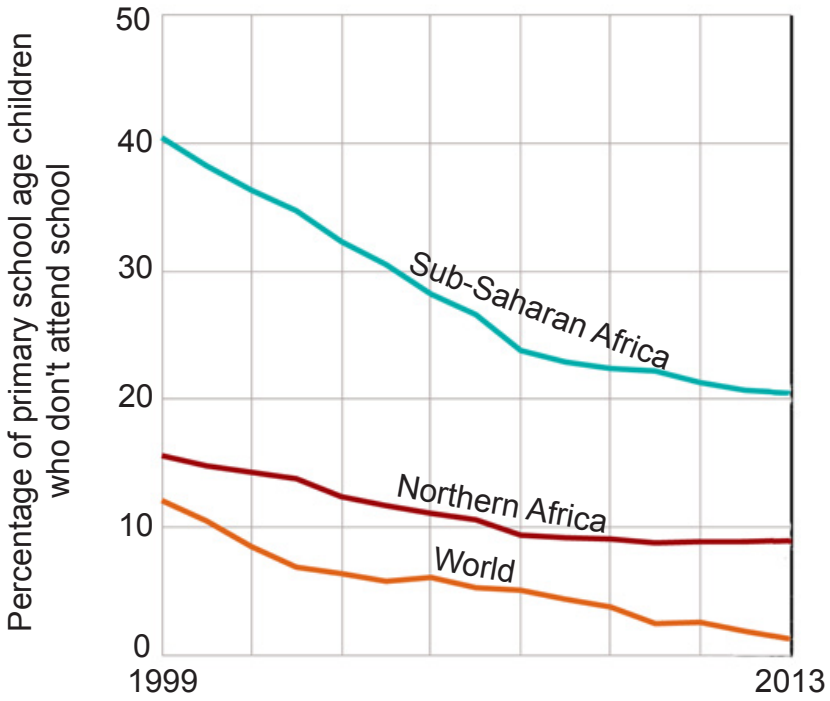



**Fig. 5**

**(a)** Describe the pattern shown for the world for primary school age children who don't attend school.

.....

.....

.....

..... [2]

**(b)** Compare the percentage of primary school age children for Sub-Saharan Africa and Northern Africa who don't attend school.

.....

.....

.....

..... [2]

**(c)** Suggest **one** reason for the lower rate of primary school age children in the world who don't attend school.

.....

..... [1]

**[5]**