

# JUNIOR LYCEUM ANNUAL EXAMINATIONS 2009

Directorate for Quality and Standards in Education  
Educational Assessment Unit

**FORM 3**

**GEOGRAPHY (OPTION)**

**TIME: 1h 30min**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## Instructions to Candidates

Answer all questions in the space provided. Write your answers neatly and in good English. Credit will be given for relevant illustrations. The marks for individual questions are shown in round brackets: e.g. (4). There are 9 questions in all. The total mark for this paper is 90.

## Examiner's use only

Question No.	1	2	3	4	5	6	7	8	9	Written Exam	Fieldwork Report	Total
Max. Mark	12	8	12	12	8	13	7	12	6	90	10	100
Score												

1. Study the 1:50 000 OS map extract of Blakeney Point (Map1 on page 3). Now answer the following questions.

a. What would you actually find at each of these map references:

033 436 .....

053 439 .....

033 440 .....

073 439 .....

(4)

b. In what grid square is **Pits Point**? .....

(1)

c. Using the map of Blakeney Point work out the compass direction from:

(i) the visitor centre in grid square 00 44 to Warham Hole in grid square 98 46.

.....

(ii) Cley Eye to Manor Ho

.....

(2)

- d. What is the length of the spit from the car park at Cley Eye to its tip at 992 456?

..... (1)

- e. What type of vegetation grows at The Marrams at grid reference 030456?

..... (1)

- f. What evidence is there from the map that suggests that many people visit this area?

.....  
 .....

(1)

- g. Of what material is the spit shown on the map made up of?

..... (1)

- h. Why is the name of the small village at grid square 04 43 no longer as fitting as it used to be?

.....  
 .....

(1)

2. Study the **world map** (Map 2 on page 5) and then answer the following questions.

- a. On the map of the world draw and name the following lines:

**Equator, Prime Meridian, Tropic of Capricorn and Tropic of Cancer.** (2)

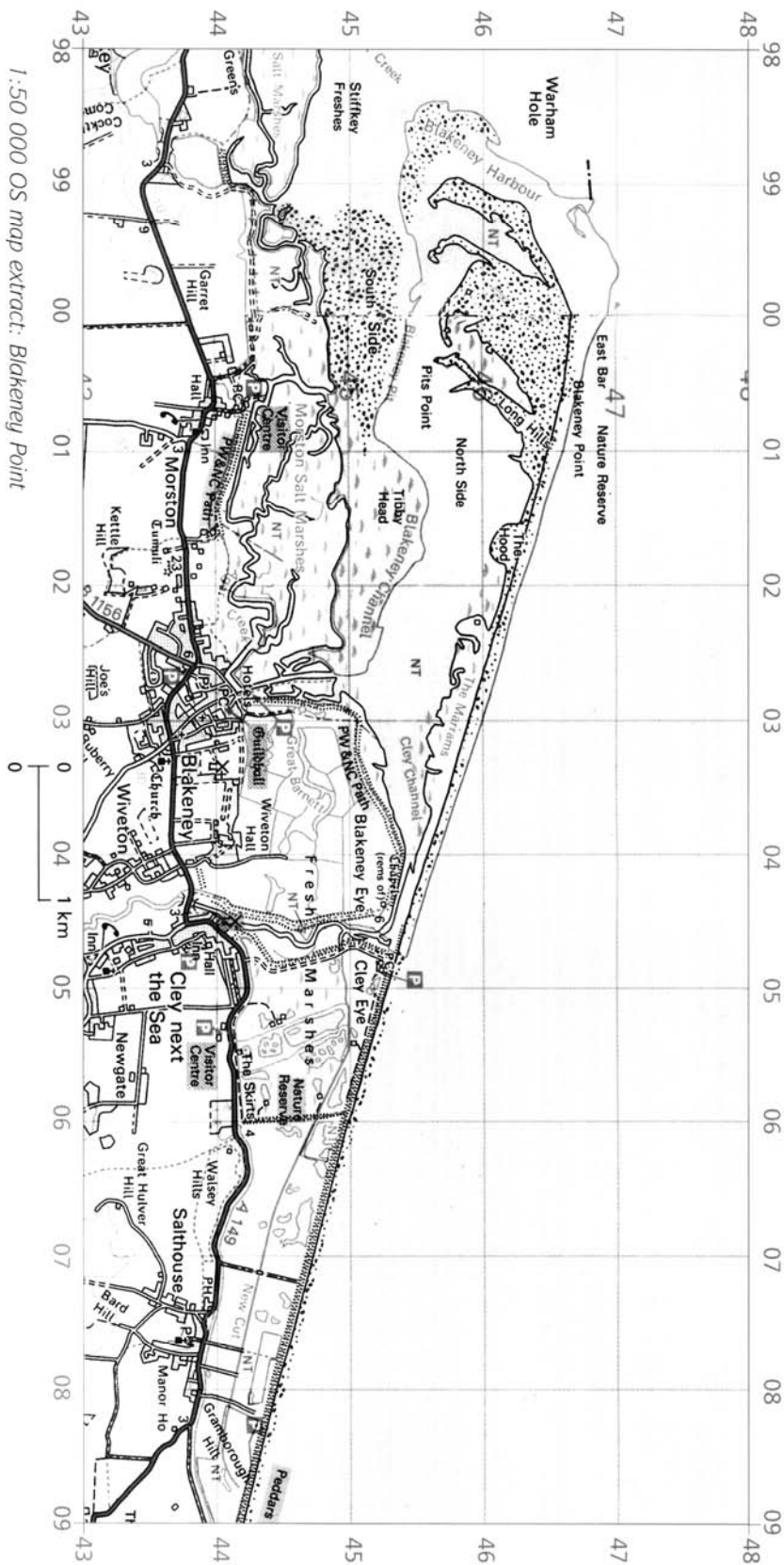
- b. Name two countries that are located on longitude **20°E**.

..... (1)

- c. Shade and name on the map (Map 2) the continent of **South America**. (1)

# Map 1 BLAKENEY POINT

1:50 000 OS MAP EXTRACT



- d. Name the countries located on the following lines of latitude and longitude. Give capital city of each country.

	Country	Capital City
40°N 140°E		
20°N 100°W		

(2)

- e. Name on the map itself (Map 2) the ocean currents marked by an arrow and numbered 1 and 2.

(1)

- f. Name the seas numbered 3 and 4.

.....

(1)

- 3 a. Write down how the following temperature readings are calculated:

i. Daily Range of temperature;

ii. Mean Daily Temperature;

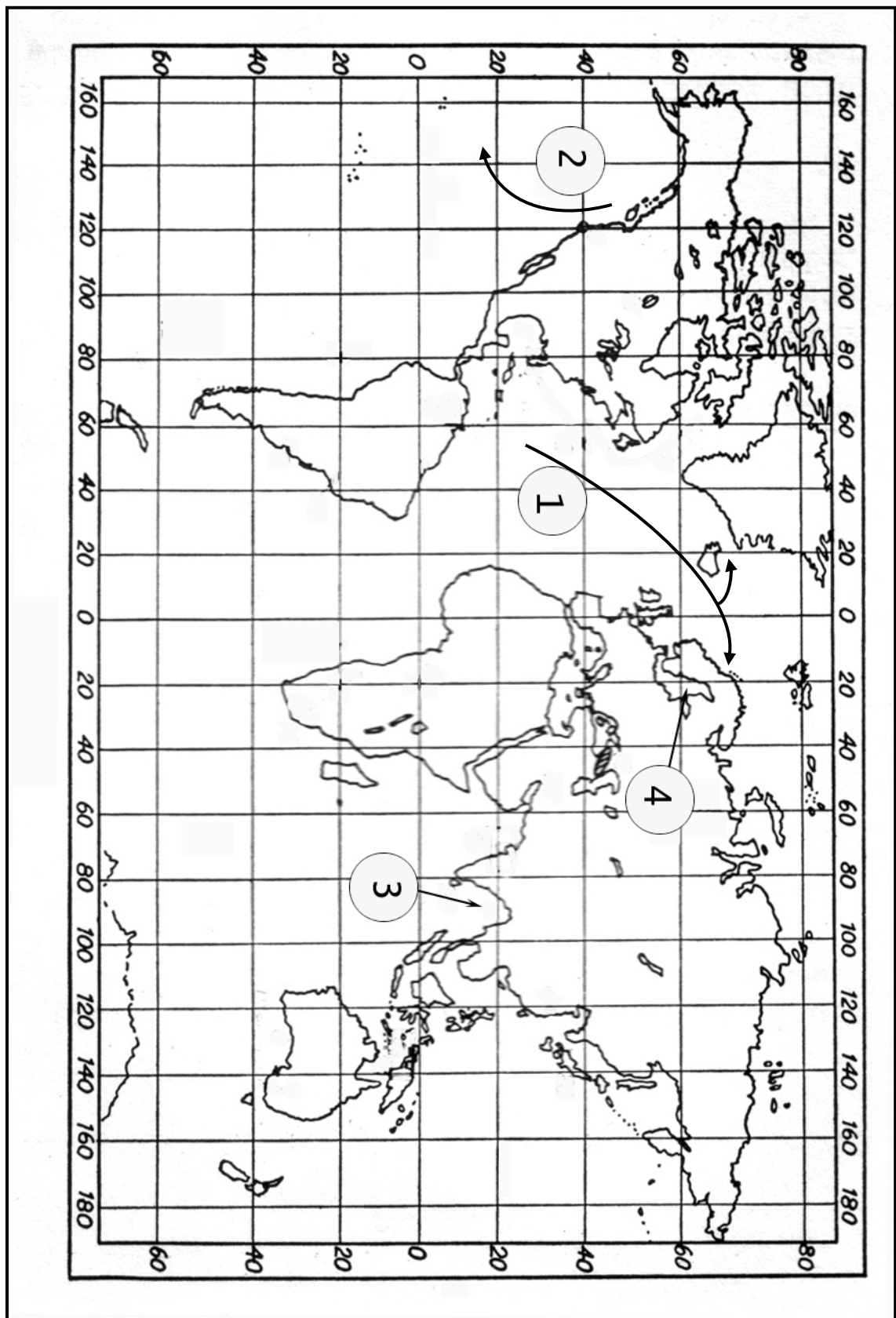
(2)

- b. Answer briefly the following questions.

i. What is temperature?

.....  
 .....

(1)



Map 2 – Map of the World

ii. Moisture in the air can take different forms. Name four.

.....

.....

(2)

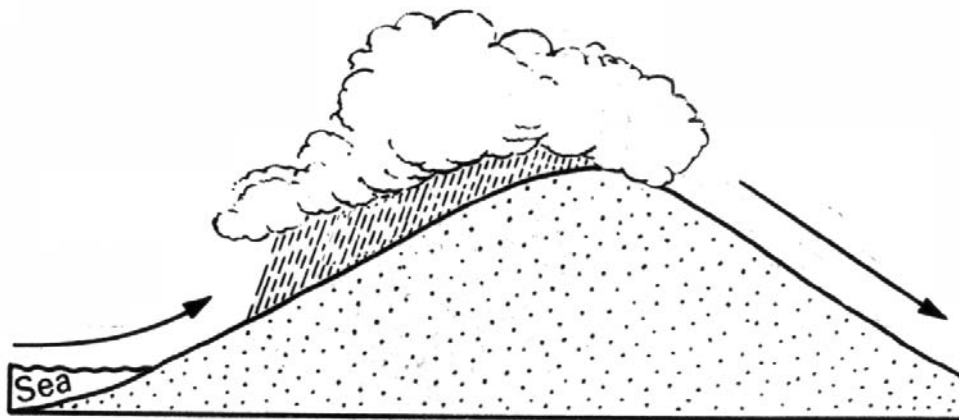
iii. What is the difference between a wind vane and an anemometer?

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(2)

c. Label the diagram correctly and explain in the space provided below how orographic or relief rainfall forms and develops.



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(5)



4. Although there are hundreds of different kinds of rocks, we can group them into **three** types.

a. Name the three different types of rock.

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(3)

b. Briefly explain the formation of each type of rock.

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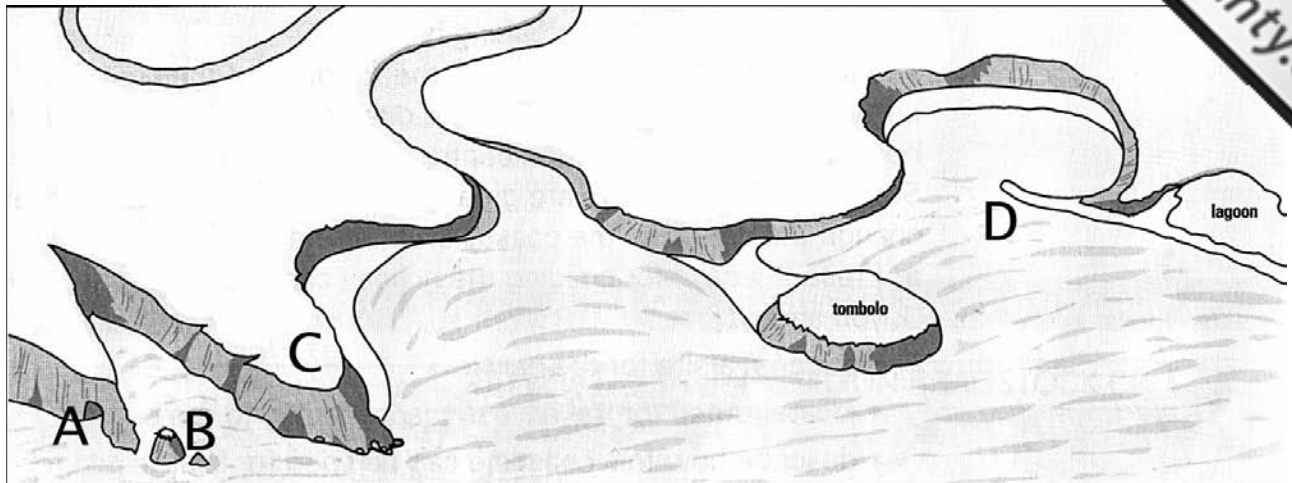
(6)

c. Name an example for each type of rock.

.....  
.....  
.....

(3)

5. Look at the diagram showing some coastal features.



a. Name the features lettered A, B, C and D.

<b>A</b>	.....
<b>B</b>	.....
<b>C</b>	.....
<b>D</b>	.....

(2)

b. Describe how feature A has been formed.

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(4)



- c. Write about the main difference between the tombolo and feature **D**.

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(2)

- 6 a. What is meant by the **function** of a settlement?

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(2)

- b. Describe the function of the following settlements.

- i. **port**

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- ii. **residential**

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- iii. **industrial**

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(3)

c. Fill in the settlement hierarchy by writing the following in the correct place.

large town

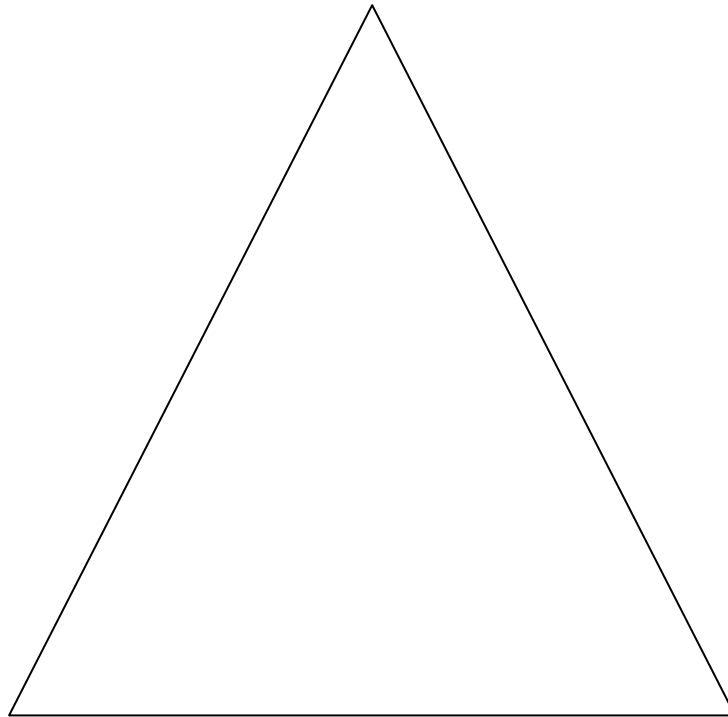
small town

village

city

hamlet

conurbation



(3)

d. Describe what changes in settlement size and number of services occur going up the hierarchy.

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(5)

7. Some places in Brazil are crowded whilst others are almost empty.



- a. Say if places marked by the letters A and B are sparsely or densely populated.

<b>A</b>	
<b>B</b>	

(2)

- b. Suggest reasons for the population distribution and density in areas marked A and B on the map of Brazil.

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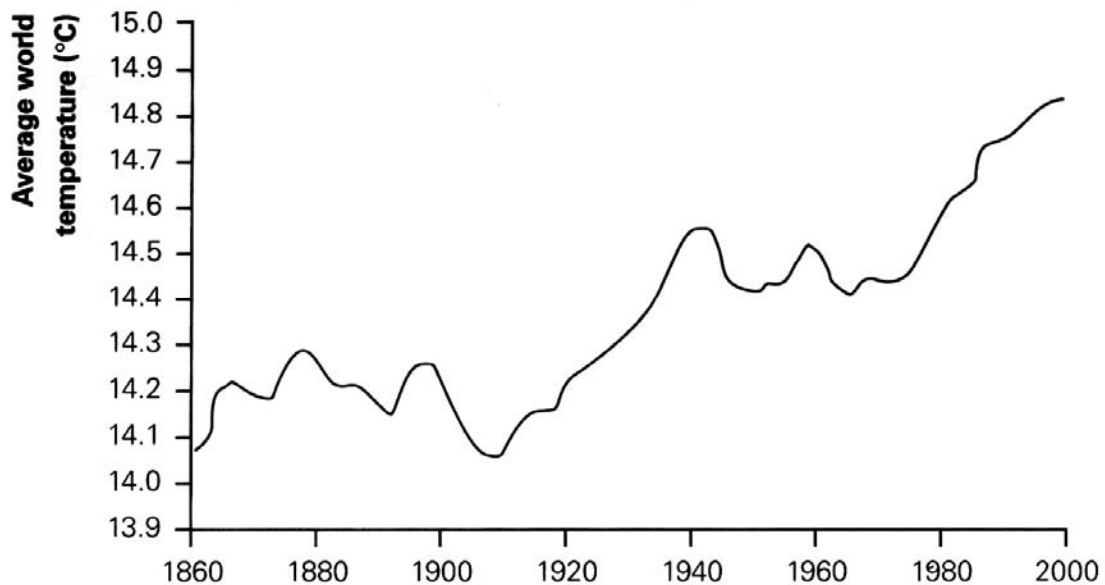
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(5)

8. Study the graph below.



a. Describe what the graph shows. Does it suggest that global warming is happening?

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(2)

b. Why are people of some places more worried about global warming than others?

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(4)

c. Name the four principal greenhouse gases responsible for global warming.

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(2)

d. Name the main sources for each gas.

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(4)

9 a. How does the feature shown in the photo contribute to sustainable development?



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(3)

b. Why do some people disapprove of wind turbines?

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(3)