

**JUNIOR LYCEUMS**  
**FINAL EXAMINATION 2002**  
 Educational Assessment Unit – Education Division

FORM 5

GEOGRAPHY OPTION

Time 1hr 45mins

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

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

**Answer Questions 1 and 2.**

**Answer One question from Questions 3 and 4.**

**Answer Two questions from Questions 5, 6, 7 and 8.**

**Each question carries 20 marks.**

*The exam paper together with the answer book **must** be returned to the invigilator. Only the Ordnance Survey Map can be taken out of the Examination Room.*

*The use of non-programmable electronic calculators is allowed.*

*You are reminded of the necessity for good English and orderly presentation in your answers.*

**Marks Obtained**

<i>Map Reading</i>	/20
<i>Map of the World</i>	/20
<i>Physical Environment</i>	/20
<i>Human Environment</i>	/40
<b><i>Total marks</i></b>	<b>/100</b>

Turn over

**Section A Map Reading**

1. Study the Ordnance Survey 1: 50 000 map extract (Shetland).

- (a) Give the six-figure grid reference of these features:
- (i) Lerwick Information Centre \_\_\_\_\_
  - (ii) The road junction at Bridge of Fitch \_\_\_\_\_
  - (iii) Scalloway Post Office \_\_\_\_\_
- (3 marks)**

- (b) Which compass rose directions would you use to go directly from:
- (i) Tondra Island (3936) to Lerwick \_\_\_\_\_
  - (ii) Lerwick to Wester Quarff (4135) \_\_\_\_\_
- (2 marks)**

- (c) What is the actual distance along the A970 from Lerwick Information Centre to the bottom edge of the map (430340). \_\_\_\_\_
- (2 marks)**

- (d) Which building shows that Scalloway was important centuries ago? Give its six-figure grid reference. \_\_\_\_\_
- (1 mark)**

- (e) Name three services that Lerwick and its surroundings offer to tourists. Give the grid reference for each.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- (3 marks)**

- (f) Name two pieces of evidence to show that Lerwick is a busy port.
- \_\_\_\_\_
- (2 marks)**

- (g) What local words seem to mean:
- (i) stream \_\_\_\_\_
  - (ii) small island \_\_\_\_\_
  - (iii) headland \_\_\_\_\_
- (3 marks)**

- (h) Write a detailed route plan from Scalloway Post Office to Lerwick Lifeboat Station using the A970 and Ladies Drive. Begin like this:

“Start at Scalloway Post Office (403397) and travel north-eastwards along the A970 main road. Ignore the B9074 secondary road and soon you will come down to a steep hair-bend...

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**(4 marks)**

**Section B** *Map of the World*

2. Answer the following questions on the World Map.

(a) Name the sea areas numbered 1 to 4, and the rivers numbered 5 to 8.

Seas      1 \_\_\_\_\_                      2 \_\_\_\_\_  
              3 \_\_\_\_\_                      4 \_\_\_\_\_

Rivers    5 \_\_\_\_\_                      6 \_\_\_\_\_  
              7 \_\_\_\_\_                      8 \_\_\_\_\_

**(8 marks)**

(b) Name the Four countries lettered A to D.

A \_\_\_\_\_                      B \_\_\_\_\_  
C \_\_\_\_\_                      D \_\_\_\_\_

**(4 marks)**

(c) Name Four of the intermediate stopping places shown on a shipping route from Southampton to Yokohama.

\_\_\_\_\_                      \_\_\_\_\_  
\_\_\_\_\_                      \_\_\_\_\_

**(4 marks)**

(d) Shade Two areas with ice caps.

**(1 mark)**

(e) On the map there are three empty boxes. Write down the number, which correspond with the following climatic conditions.

**1**

Temperatures are high all the year round with heavy convectonal rainfall all the year.

**2**

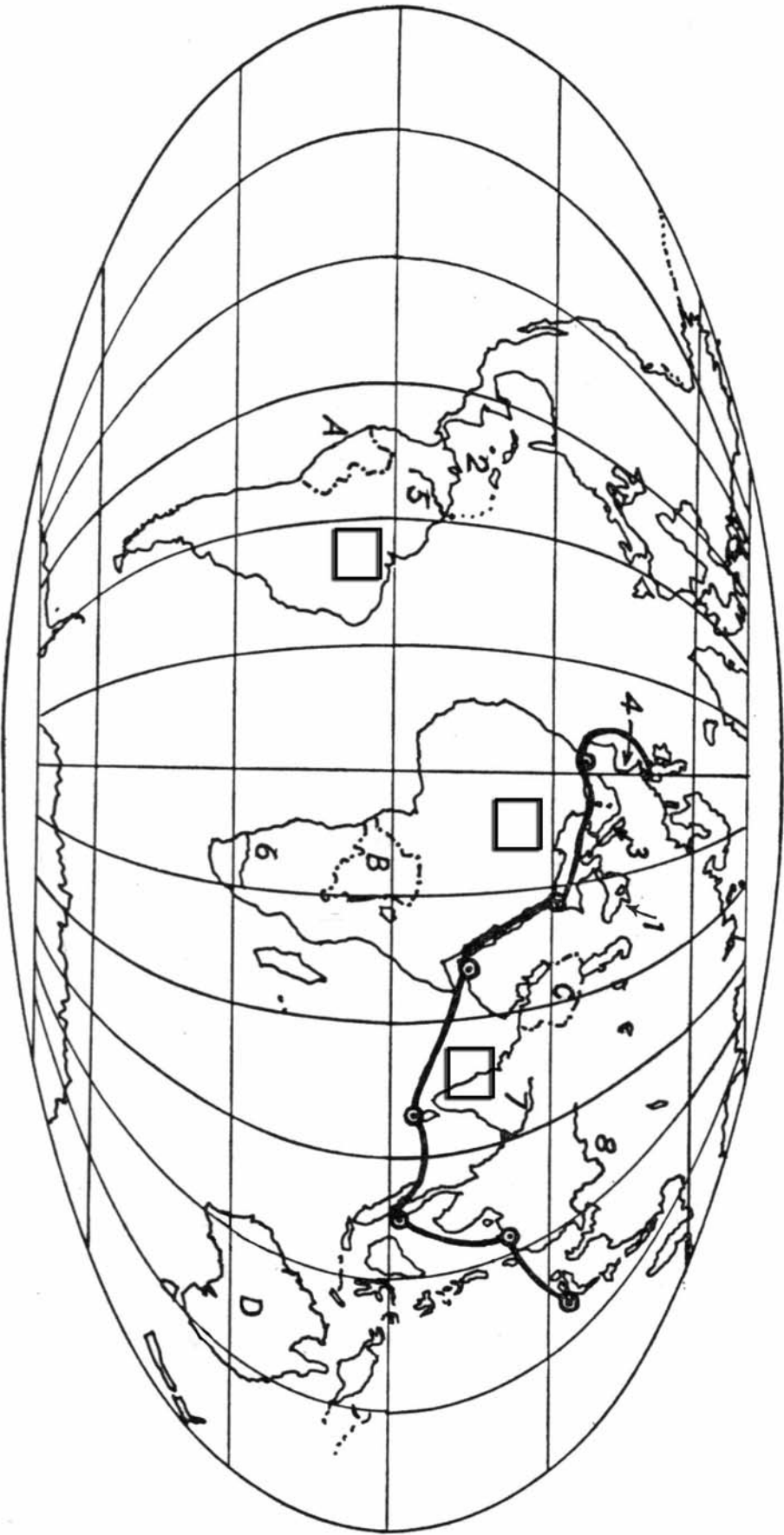
Temperatures are high all through the year with less than 250 mm of rain and high evapotranspiration rates.

**3**

Seasonal reversal of winds is the chief feature of this climate. For one season the winds blow from the sea to the land bringing heavy rainfall and for another season the winds blow from the land to the sea and these give little or no rain.

**(3 marks)**

Map of the World



**Section C The Physical Environment**  
*Answer One question from questions 3 and 4*

3. (a) Explain the meaning of two of the following;

- (i) stack
- (ii) spit
- (iii) headland
- (iv) fjord

**(4, 4 marks)**

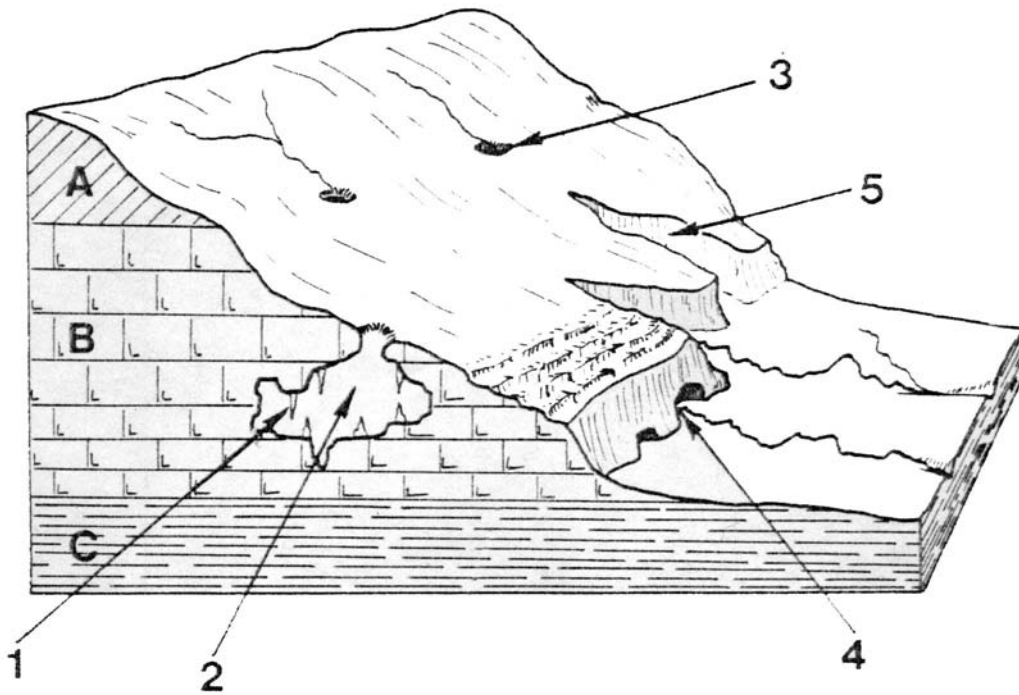
(b) With the help of a labelled diagram explain the process of longshore drift.

**(6 marks)**

(c) Describe three processes by which waves can erode the land.

**(6 marks)**

4. Study the block diagram, which shows selected features of a limestone (karst) landscape.



(a) Name 4 of the features numbered 1 to 5, with the corresponding number.

**(4 marks)**

(b) Describe the characteristics and the formation of 2 features shown in the diagram above.

**(6, 6 marks)**

(c) Explain why rivers are found on both rock types A and C but not B.

**(4 marks)**

**Section D** *The Human Environment*

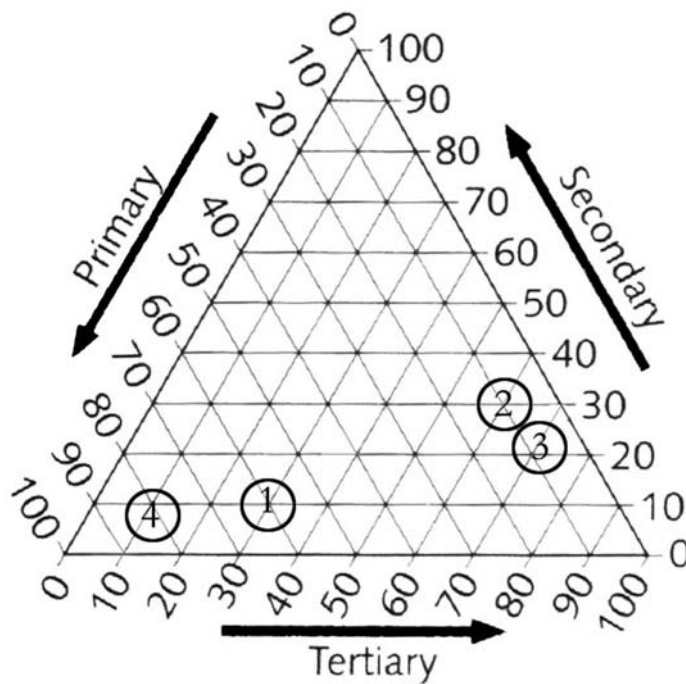
*Answer Two questions from questions 5, 6, 7 and 8*

5. In most Mediterranean countries tourism is seasonal in nature.
- (a) What do you mean by this?  
**(4 marks)**
  - (b) Referring to specific examples from the Mediterranean region, name the problems caused by the seasonal nature of tourism.  
**(8 marks)**
  - (c) What can be done in these tourist resorts to try to extend their season.  
**(8 marks)**
- 
6. (a) What is meant by the term GNP per capita?  
**(4 marks)**
- (b) Explain why GNP per capita is normally measured in US Dollars.  
**(4 marks)**
- (c) Name the disadvantage of using GNP per capita to measure economic wealth within the country itself.  
**(6 marks)**
- (d) With reference to named countries in any part of the world, explain the terms core and periphery.  
**(6 marks)**
- 
7. (a) What is meant by the term deforestation?  
**(3 marks)**
- (b) List three features of the vegetation of tropical rainforest.  
**(3 marks)**
- (c) Referring to specific examples from the developing world explain why tropical rainforests are being cleared.  
**(4 marks)**
- (d) Describe how deforestation is affecting:  
(i) wildlife  
(ii) climatic change  
**(4, 6 marks)**
-

8. (a) What do we call the graph shown below? **(2 marks)**
- (b) What does it show? **(4 marks)**
- (c) Using the information provided by the graph, complete the table below.

	Bangladesh	Japan	UK	Kenya
% Primary Sector				
% Secondary Sector				
% Tertiary Sector				

**(6 marks)**



1. Bangladesh
  2. Japan
  3. UK
  4. Kenya

- (d) Name the two economically least developed countries from the table. **(2 marks)**
- (e) From the data provided by the graph say why the countries chosen in question (d) above are considered to be developing. **(6 marks)**

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**End of Paper**



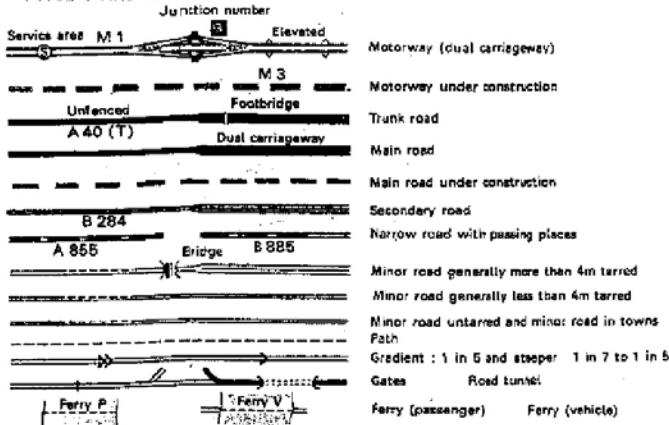


# 1:50 000 Second Series Map CONVENTIONAL SIGNS

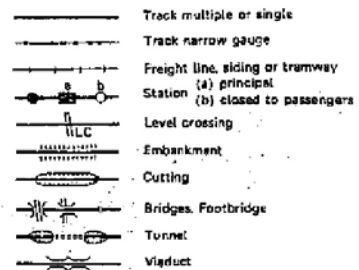


Ordnance Survey

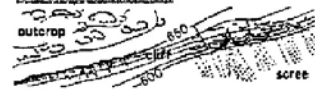
## ROADS AND PATHS (Not necessarily rights of way)



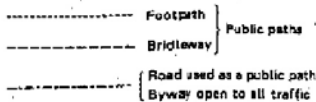
## RAILWAYS



## ROCK FEATURES



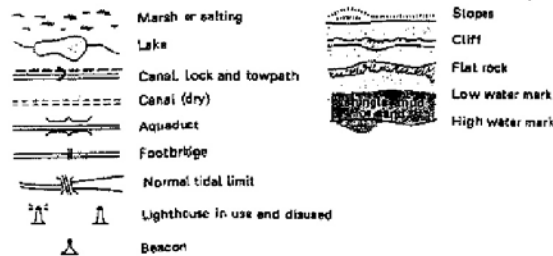
## PUBLIC RIGHTS OF WAY (Not applicable to Scotland)



Public rights of way indicated by these symbols have been derived from Definitive Maps as amended by later enactments or instruments held by Ordnance Survey on (date) and are shown subject to the limitations imposed by the scale of mapping. The representation on this map of any other road, track or path is no evidence of the existence of a right of way.

Danger Area MOD Ranges in the area. Danger! Observe warning notices

## WATER FEATURES



## HEIGHTS

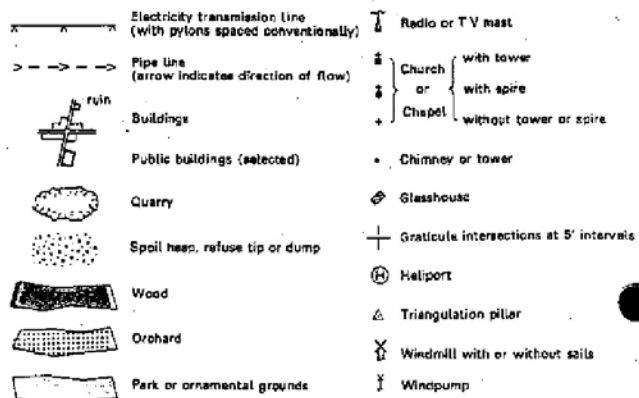


When standard metric contours are not available the contour interval is 60 ft with values shown to the nearest metre

Contours are at 10 metres vertical interval - 144 Heights are to the nearest metre above mean sea level

Heights shown close to a triangulation pillar refer to the station height at ground level and not necessarily to the summit.  
1 metre = 3.2808 feet  
15.24 metres = 50 feet

## GENERAL FEATURES



## ABBREVIATIONS

P	Post office
PH	Public house
MS	Milestone
M.P.	Milepost
CH	Clubhouse
PC	Public convenience (in rural areas)
TH	Town hall, Guildhall or equivalent
CG	Coastguard

## ANTIQUITIES

VILLA	Roman
Castra	Non-Roman
⊗	Battlefield (with date)
⊙	Tumulus
+	Position of antiquity which cannot be drawn to scale

## BOUNDARIES

— — — — —	National	— — — — —	County, Region or Islands Area
— — — — —	London Borough	— — — — —	National Park or Forest Park
— — — — —	District		
NT	National Trust		always open
NT	National Trust		opening restricted
NTS (in red or blue)	National Trust for Scotland		
FC	Forestry Commission		Pedestrians only - observe local signs

## TOURIST INFORMATION

Information Centre	Parking	Youth hostel	Public telephone
Beauty spot, place of historic interest, historic house, country park, ancient monument	Picnic site	Golf course or links	Motoring organisation telephone
Viewpoint	Camp site	Bus or coach station	Public convenience (in rural areas)
	Caravan site		