

JUNIOR LYCEUMS ANNUAL EXAMINATIONS 2001

Educational Assessment Unit – Education Division

FORM 4

GEOGRAPHY (Options)

TIME: 1h 30min

Section 1 Map Reading

1. Examine carefully the Survey Map Extract of Swanage and then work out the questions below:
- a. Name the features marked by these 6 figure grid references
 - i. 029786 _____ ii. 008793 _____
 - ii. 026789 _____ (6)

 - b. State the 6 figure grid reference of
 - i. Duriston Head _____
 - ii. Peveril Point _____ (4)

 - c. Using map evidence explain the coastal features between Duriston Head and New Swanage.

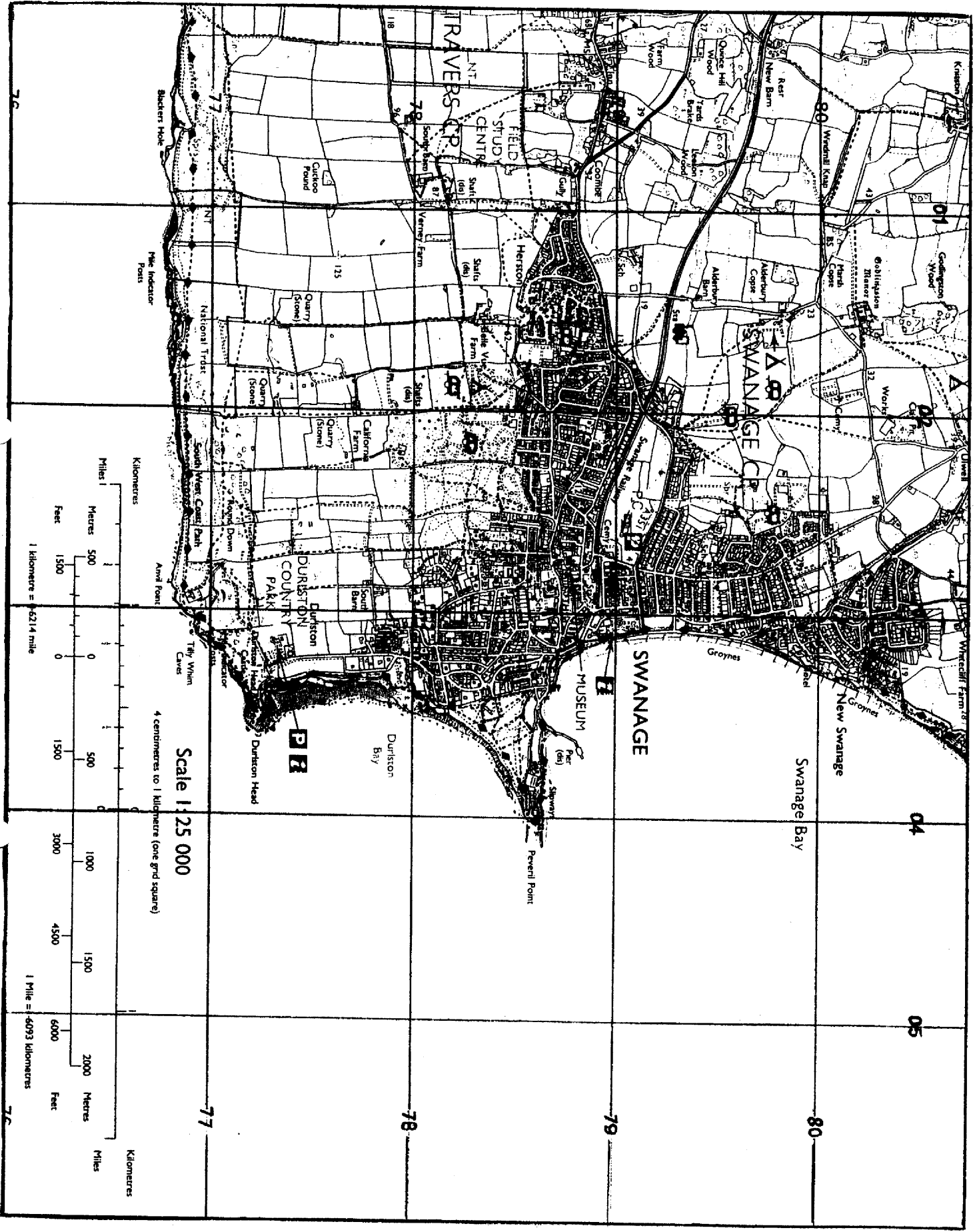
(5)

 - d. Name one piece of evidence that suggests the presence of a strong longshore drift in Swanage Bay.

(2)

 - e. Using map evidence name the tourist facilities offered by Swanage.

(6)



76 77 78 79 80

01 02 03 04 05

Swanage Bay
New Swanage
Groyne
Durlston Bay
Durlston Head

Swanage
MUSEUM
Durlston Bay
Peveril Point

76 77 78 79 80

01 02 03 04 05

Swanage Bay
New Swanage
Groyne
Durlston Bay
Durlston Head

Swanage
MUSEUM
Durlston Bay
Peveril Point

Scale 1:25 000
4 centimetres to 1 kilometre (one grid square)

Kilometres
Metres
500
1500

Miles
Feet
1500
3000

1 kilometre = 0.6214 mile

Kilometres
Metres
500
1000
1500
2000

Miles
Feet
1500
3000
4500
6000

1 mile = 1.6093 kilometres

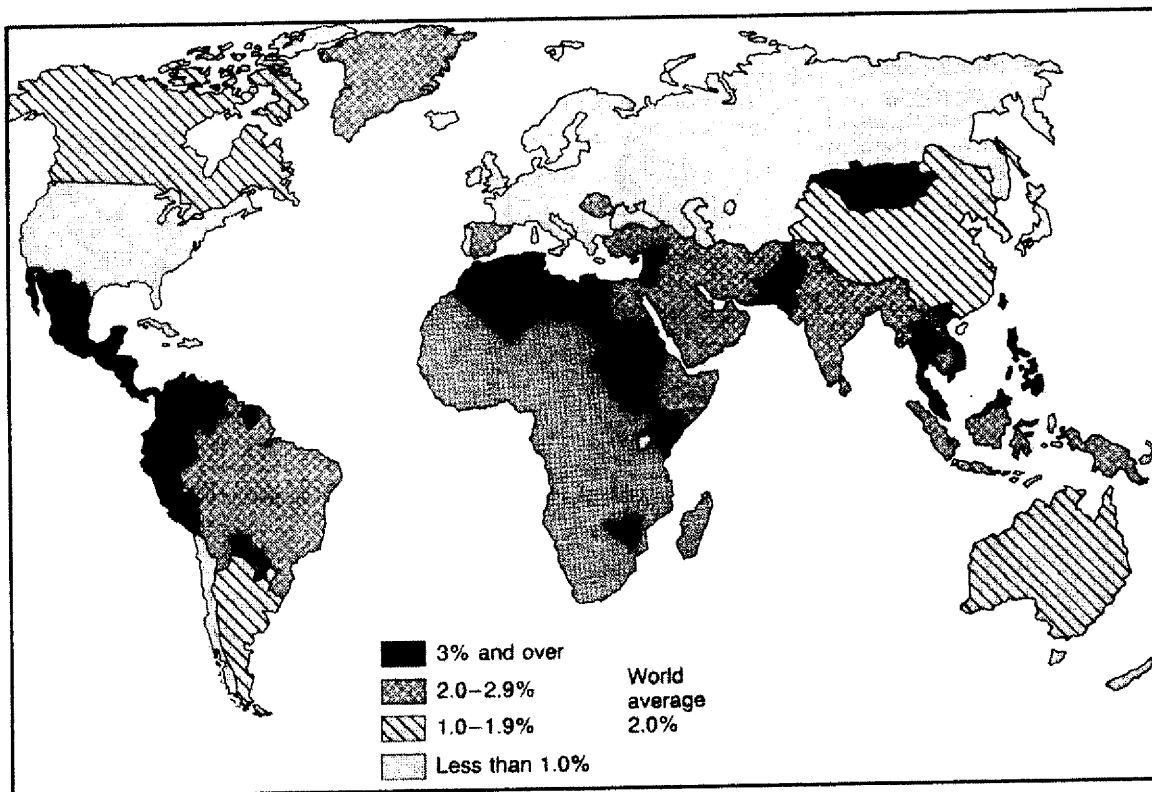
f. Besides tourism name another economic activity practiced in the area.

(2)

Section 2 Map of the World

Answer all questions in this section

2. Study the map below, showing the natural increase of population



a. Name the two continents showing the greatest natural increase in population.

(4)

b. Name the continent showing the smallest natural increase in population.

(2)

c. Explain the term *natural increase in population*

(6)

c. What factors influence the rate of natural increase in a particular part of the world?

(8)

d. Describe one method by which the growth of world population might be controlled.

(5)

Section 3 The Physical Environment

Answer one question from this section

3. a. Explain the meaning of the following:

- i. arête
- ii. terminal moraine
- iii. erratic
- iv. freeze-thaw process (12)

b. Explain why glaciated valleys are U-shaped and not V-shaped? (6)

c. With reference to a specific example, examine the value of glaciated landscapes for human use. (7)

OR

4. a. Explain the meaning of the following:

- i. longshore drift
- ii. stack
- iii. fjord
- iv. spit (12)

b. Draw a diagram of a wave-cut platform. Identify the following features:

cliff notch cliff retreat wave-cut platform (6)

- c. Describe and name examples of some man-made features built along beaches to protect the coastline from the sea. Suggest reasons for their construction.

(7)

Section 4 The Human Environment

Answer one question from this section

5. a. What is the difference between a renewable and a non-renewable resource?

(6)

- b. Give two advantages and two disadvantages of using each of the following types of energy: Oil
Nuclear Energy

(8)

- c. Using a specific example explain how the building of a new oil pipeline may have drastic effects on the (i) vegetation; (ii) wildlife and (iii) the local people of the area.

(11)

OR

6. A feature of cities in the developing world is that they are growing very rapidly.

- a. What is the movement of people from the countryside to urban areas called?

(1)

- b. Give three reasons to explain why this movement takes place.

(6)

- c. Many of the new arrivals to the cities of the developing world are forced to live in informal settlements or shanty towns. What is a shanty town?

(12)

- d. Name three problems associated with the growth of a shanty town.

(6)