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Dulwich College

YEAR 9 ENTRANCE AND SCHOLARSHIP
EXAMINATION

SAMPLE PAPER

Geography

1 HOUR

Candidates should answer two questions from this paper.

You must answer Questions 1, 2 & 3 (OS Mapwork, Definitions and Locational Knowledge) and **one** other question.

1. **O.S. Mapwork**

Examine the 1:50,000 map of Milford Haven. Then answer the following questions.
(for Copyright reasons we cannot include the OS map)

a. Identify the features found at the following grid references.

- i. 903055
- ii. 858036
- ii. 918078
- iv. 971035 [2]

b. What is the distance along the A4076 (T) from the roundabout at 900060 to the point where it leaves the map at 929100? [2]

c. In which direction are you travelling along the A4076 (T)? [1]

d. What is the height of the Triangulation Pillar in square 9201? [1]

e. Which grid square contains the steepest slopes ? 8408, 9402 or 9706. [1]

f. Describe the relief in square 0002. [2]

g. Give 2 pieces of evidence to show that there is industrial activity to the east of Milford Haven. [2]

2. **Definitions**

Describe what is meant by any **TWO** of the following terms:

Climate

Weathering

Secondary economic activity

Urbanisation

[4]

3. **Locational Knowledge**

Onto the map of the British Isles provided, locate the following features and places.

Cities: London, Cardiff, Edinburgh, Belfast

Rivers: Thames and Severn

Hills: Dartmoor, Lake District and The Pennines

Island: Isle of Wight

[5]

Total 20 marks

4. Tectonic Activity

- a). Figure 1. shows the global distribution of recent earthquakes. Explain why earthquakes occur on or close to plate boundaries. [5]

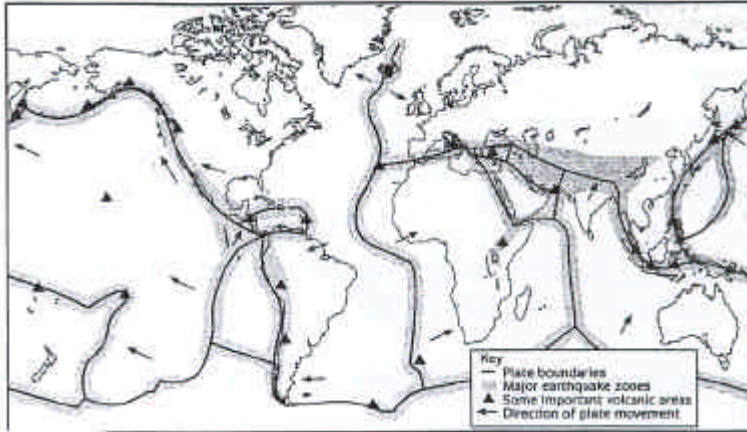


Fig 1

- b). Use Figure 2. to help you explain how either earthquakes or volcanoes are formed. [5]

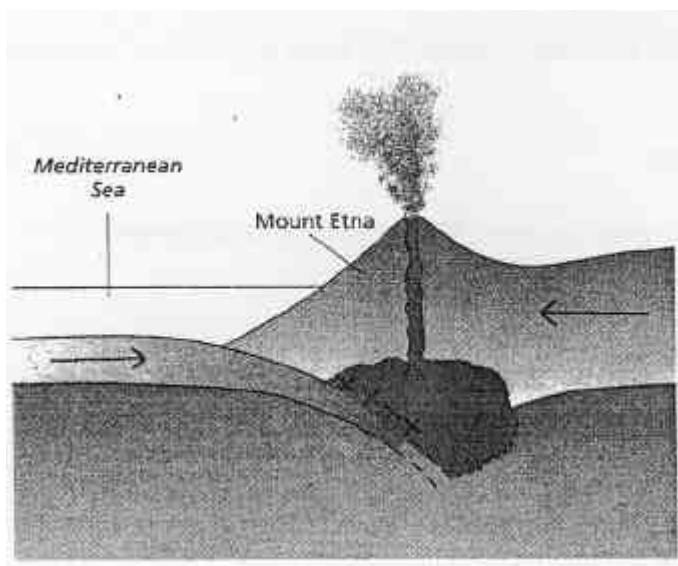


Fig 2.

- c). Name either an earthquake or a volcanic eruption you have studied and describe the effects it has had on the lives of the people living nearby. [5]
- d). Plate boundaries seem to be dangerous places to live near to, yet many people continue to do so. Using examples from your studies explain why do people choose to live close to plate boundaries despite the risks involved. [5]

Total 20 marks

5. Geomorphological Processes

- a). Explain what you understand by the term erosion. [2]
- b). For any one type of weathering, describe in detail how it works.
Use diagrams to help you. [4]
- c). Using a labelled diagram show what processes are at work and what landforms are created in a meander bend. [4]
- d). What is Longshore Drift? Use a diagram to show how the process works. [4]
- e). Using a named example of **either** a flood **or** a landslide that you have studied;
- i. Explain why it happened. [3]
 - ii. Describe the impact on the surrounding area. [3]
(Do not forget to include the impact on people if it is appropriate.)

Total 20 marks

6. Weather and Climate

- a). What do you understand by the term, the weather? [2]
- b). Using a clearly labelled diagram to explain frontal rainfall [5]
- c). Explain the influence of the Gulf Stream (North Atlantic Drift) on the climate of the British Isles. [2]
- d). Explain why the West of Britain receives so much rain. [3]
- e). What is a micro climate? [2]
- f) Describe the micro climate of an area that you have studied. [4]
- g). What is the hydrological cycle? [2]

Total 20 marks

7. Settlement

- a). What is the difference between the site and situation of a settlement? [4]
- b). Why are you more likely to find a cinema in a town rather than a village? [3]
- c). For a named example that you have studied;
 - i). Describe how a settlement has changed over time. [3]
 - ii). Explain how this change has affected the people that live there. [3]
- d). Use two simple diagrams to show the difference between the land use of LEDC and MEDC cities. Make sure you label clearly which is which. [4]
- e). Why is poor quality housing generally found on the outer edges of LEDC cities? [3]

Total 20 marks

8. Economic Activities

- a). What do you understand by the term TERTIARY economic activity? [2]
- b). Give TWO examples of tertiary economic activity. [2]
- c). For any named primary economic activity which you have studied, describe and explain the factors which have influenced its location. [8]
- d). For any named secondary economic activity which you have studied, describe and explain the factors which have influenced its location. [8]

Total 20 marks

9. Environmental Issues

- a). Using a named urban area that you have studied
- (i) Give reasons why it became run down. [4]
 - (ii) Describe the attempts made to improve it. [4]
- b). Name a National Park in England or Wales. [1]
- c). For a National Park that you have studied, explain how conflicting demands on it can result in environmental damage. [4]
- d). What do you understand by the term sustainable development? [2]
- e). Describe the effect of a large scale project such as the building of a dam on the local people and their environment. [5]

Total 20 marks