

JUNIOR LYCEUM ANNUAL EXAMINATIONS 2005

Educational Assessment Unit – Education Division

FORM 3

GEOGRAPHY (Option)

Time 1h 30min

NAME: _____

CLASS: _____

Section A: Map Reading

1. Refer to the OS Map of Mellieha Bay and answer all questions in this section.

(a) Give the grid reference in six figures of:

i) Red Tower _____

ii) White Tower _____ **(2)**

(b) What are the four figure references of:

i) Għar Baqrat _____

ii) Armier Bay _____

iii) Ta' l-Imgharrqa _____ **(3)**

(c) What is the compass direction from:

i) Red Tower to Armier Bay. _____

ii) Ċirkewwa Bay to Dahlet ix-Xilep. _____ **(2)**

(d) What would you actually find at each of these map references:

i) 417 832 _____

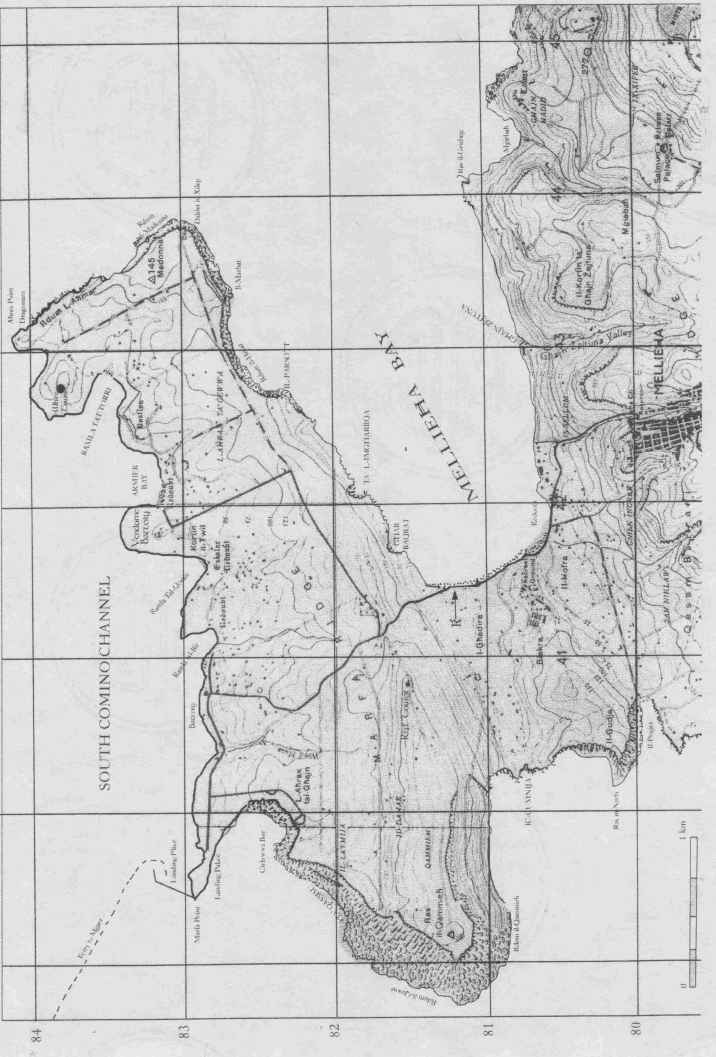
ii) 437 830 _____ **(2)**

(e) What is the highest point on the map? Give the grid reference and the height.

Height _____

Grid reference _____ **(2)**

SOUTH COMINO CHANNEL



(f) Would you be walking **uphill** or **downhill** if you

i) walked north-west from 423 823 _____

ii) walked west from 419 804 _____

(2)

(g) On the map itself indicate areas by the use of the corresponding letter where you would find:

A	A sandy bay
B	Cliff
C	Headland
D	Boulder rocks
E	A valley without a stream
F	A valley with a stream
G	A very steep slope

(7)

(h) Calculate the distance from:

i) Marfa Point to the Red Tower (in a straight line) _____

ii) Marfa Point to Mellieha Church along the main road _____

(2)

(i) The northern part of the map was properly defended with towers and batteries.

i) Give the grid reference of four of these defences

(2)

ii) Why do you think that this part of the island was heavily fortified.

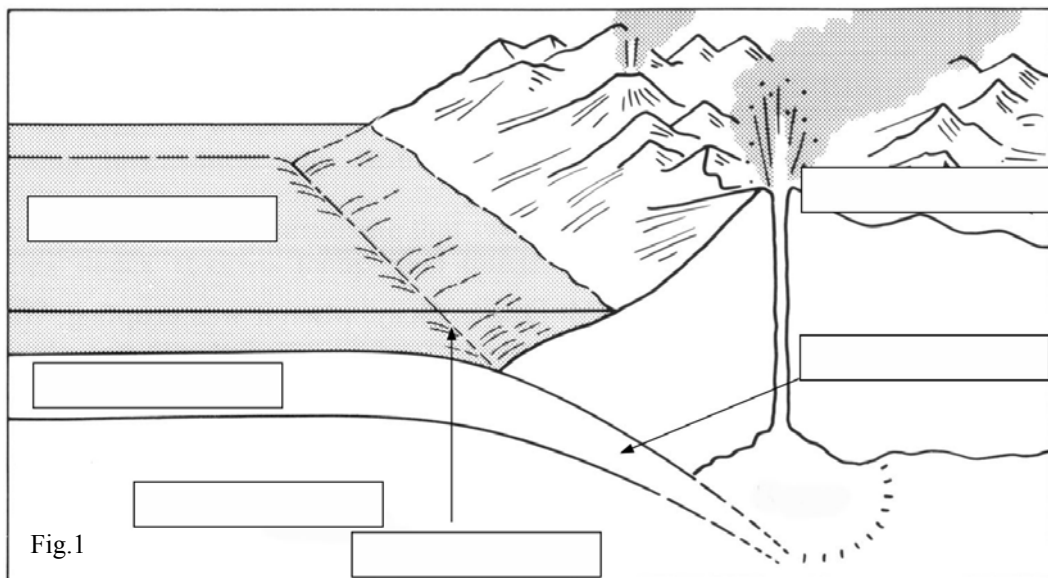
(2)

- (j) Why do you think that the road marked by the letter **R** on the map sees more traffic in summer than in winter.

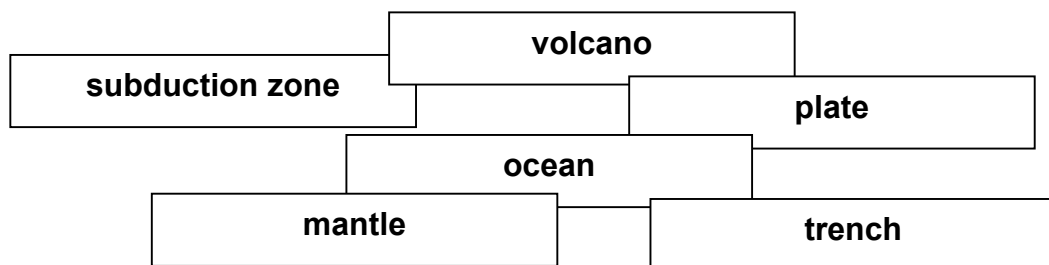
(2)

Section B: Physical Environment

2. Refer to the diagram below.



- (a) Write the following labels in the correct place on the diagram above.



(6)

- (b) On the diagram itself draw an arrow to show the direction in which the plate is moving.

(1)

(c) In the space provided below describe what is happening in the diagram (Fig. 1)

(6)

(d) Say if the following statements are true or false by ticking (4) the correct box.

		True	False
1	The point where an earthquake starts is called the epicentre.		
2	Shock waves from earthquakes are measured on an instrument called hydrograph.		
3	Molten rock that comes out of the ground is known as magma.		
4	A lava plateau forms when fluid basaltic magma erupts through a fissure.		
5	Mid-ocean ridges are the result of plates moving towards each other.		

(5)

(e) Now rewrite the false sentences from (d) above to form correct sentences.

(6)

3. Refer to the diagram below

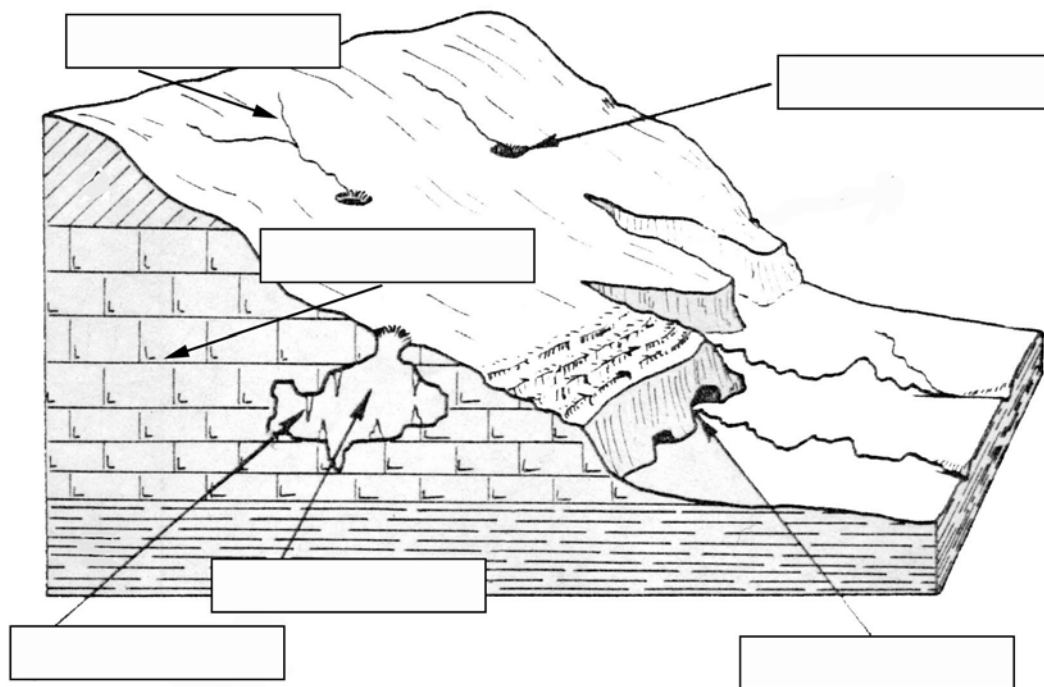
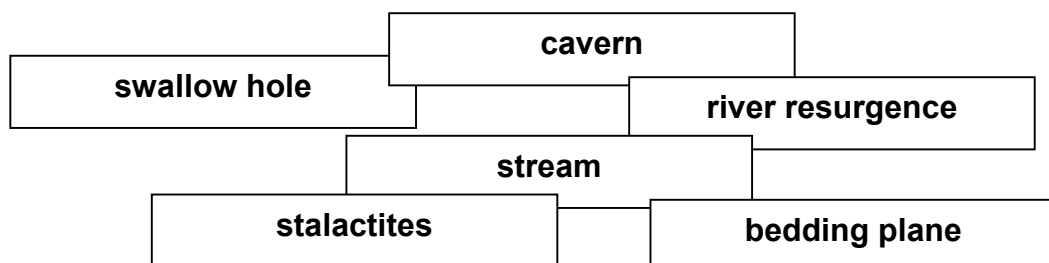


Fig.2

(a) Place the following labels in the appropriate place on the diagram (Fig.2).



(6)

(b) Circle all the terms that refer to the type of rock seen in the diagram (Fig.2)

limestone metamorphic granite

sedimentary mud shells and sea creatures

igneous clay

(3)

(c) Match some of the labels of the diagram (Fig.2) with the following meanings:

Meaning		Term
1	Water drips from the roof of the cave and finger-shaped stone is formed.	
2	Where an underground spring flows out into the open.	
3	Where a stream disappears and flows underground.	
4	A large opening under the ground made by water.	

(4)

Section 3: Human Environment

4. Refer to the map of North and South America.(Map 2)

(a) Name the country numbered **1** on the map.

(1)

- (b) Why do you think that the majority of the people living in country **1** live near to the coast?

(2)

- (c) Why is the centre of country **1** sparsely populated?

(2)



- (d) Statistics show that country **1** has reached stage 3 of the **demographic transition model**. What does this mean?

(2)

5. (a) Name the city numbered **2** on Map 2.

(1)

- (b) This city is referred to as a **megacity**. What is the meaning of this term?

(1)

- (c) What are shanty settlements called in this city?

(2)

- (d) Describe the housing conditions likely to be found in these shanty settlements.

(4)

- (e) Name two reasons why the well-off inhabitants living in city **2** are moving out.

_____ (2)

6. (a) Name the state numbered **3** on Map 2.

_____ (1)

(b) State **3** in the USA attracts many migrant workers mainly from country **4**. Name this country.

_____ (1)

(c) Give two reasons why many workers from country **4** migrate to the USA.

_____ (2)

(d) What sort of jobs do the migrants entering the USA are likely to find once they arrive?

_____ (2)

7. **Shifting Cultivation** and **Plantation agriculture** are practised in country numbered **1** on the map.

(a) Place the following terms under the correct heading in the table entitled Shifting cultivation and Plantation agriculture.

	coffee		slash and burn	
cassava		Transnational companies		
	hand-made tools		cash crops	

Shifting Cultivation	Plantation Agriculture

(4)

(b) Briefly explain the methods of farming involved in either Shifting Cultivation or Plantation Agriculture. (You can use some of the terms listed in 7a above).

(8)

End of Paper