FORM 4        GEOGRAPHY (GENERAL)        TIME: 1h 30min

Name: ___________________________________________        Class: ______________

Answer all questions in the space provided.

1. (a) Define the term **population density**.

______________________________________________________________________________

(1)

(b) In Column B, write whether the region named in Column A has a high population density or a low population density.

(4)

(c) In Column C suggest a reason for the population density of each region named in Column A.

(4)

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
<th>Column C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>High or low population density?</td>
<td>Reason</td>
</tr>
<tr>
<td>Amazon Forest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sahara Desert</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bangladesh</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Europe</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(d) Define and give an example of the following terms:

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>International migration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seasonal migration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
(e) Many people escape from their country and go to live in another country. Name three push factors for which people escape from their country.

(i) ____________________________________________________________

(ii) ____________________________________________________________

(iii) ____________________________________________________________

(f) Name three pull factors that attract people to some countries.

(i) ____________________________________________________________

(ii) ____________________________________________________________

(iii) ____________________________________________________________

(g) The following table shows the birth rate and death rate of three countries. Fill in the last column with the following terms:

<table>
<thead>
<tr>
<th>Country</th>
<th>Birth rate</th>
<th>Death rate</th>
<th>Population change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malta</td>
<td>10</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>10</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>9.6</td>
<td>9.6</td>
<td></td>
</tr>
</tbody>
</table>

(h) Tick (√) the right column to show whether the following factors affect the birth rate or the death rate.

<table>
<thead>
<tr>
<th>Factors</th>
<th>Effect on birth rate</th>
<th>Effect on death rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of contraceptives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Good sewage system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Children considered as a financial burden</td>
<td></td>
<td></td>
</tr>
<tr>
<td>More information on healthy lifestyles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>More working women</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3)
2. (a) Explain the difference between the processes of biological weathering and chemical weathering.

_________________________________________________________________________________________________________(2)

(b) Figure 1 shows a weathering process. Name the weathering process shown.

______________________________________________________________(1)

(c) Write sentences to explain the weathering process shown in Figure 1.

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

Figure 1

(d) Name a region or environment where this type of weathering is common.

______________________________________________________________(2)

3. (a) Explain the difference between the process of erosion and the process of deposition.

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

(2)
(b) Figure 2 shows a bay and a headland. Write a few sentences to describe the formation of headlands and bays.

Figure 2

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

(4)

(c) Draw labelled diagrams in the space provided below to show the formation of bays and headlands.

(4)
(d) On the map of the Maltese Islands (Figure 3) label a bay and a headland. (2)

![Figure 3](image)

(e) Name a place in the Maltese Islands where both a bay and a headland can be found.

_____________________________________

(2)

4. (a) Define the following terms:

Primary industries: ____________________________________________________________

_____________________________________

Secondary industries: _________________________________________________________

_____________________________________

(b) Give an example of two primary industries found in the Maltese Islands.

_____________________________________

_____________________________________

(2)

(c) Give two examples of secondary industries.

_____________________________________

_____________________________________

(2)
(d) Explain how each of the following natural hazards can influence farming.

<table>
<thead>
<tr>
<th>Natural Hazard</th>
<th>Effect on farming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous heavy rain</td>
<td></td>
</tr>
<tr>
<td>Summer drought</td>
<td></td>
</tr>
<tr>
<td>Strong winds</td>
<td></td>
</tr>
</tbody>
</table>

(6)

5. (a) Define the following terms:

Environmentalist: ____________________________________________

Pollution: __________________________________________________

Endangered species: __________________________________________

Extinct species: _____________________________________________

(4)

(b) Give two reasons why some species are endangered.

____________________________________________________________________

____________________________________________________________________

(4)

(c) Name two international or Maltese environmentalist groups.

__________________________________     __________________________________

(2)

6. (a) Name two sources of non-renewable energy.

_________________  ___________________

(2)
(b) Name three problems arising from the use of non-renewable energy.

(i) ____________________________________________________________________________

(ii) ____________________________________________________________________________

(iii) ____________________________________________________________________________

(6)

c) Name two renewable sources of energy that can be used in the Maltese Islands.

______________________________________________________________________

______________________________________________________________________

(2)

d) Give two advantages of using more renewable energy sources in the Maltese Islands.

(i) ____________________________________________________________________________

(ii) ____________________________________________________________________________

(2)

7. Use the map of the world (Figure 4) on page 8 to name the locations marked 1 to 6 and underline the correct locations from those marked 7 to 10 on the given map.

<table>
<thead>
<tr>
<th>Sea 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sea 2</td>
<td></td>
</tr>
<tr>
<td>Country 3</td>
<td></td>
</tr>
<tr>
<td>Country 4</td>
<td></td>
</tr>
<tr>
<td>City 5</td>
<td></td>
</tr>
<tr>
<td>City 6</td>
<td></td>
</tr>
<tr>
<td>Waterfall 7</td>
<td>(Niagara Falls, Angel Falls, Victoria Falls)</td>
</tr>
<tr>
<td>Forest 8</td>
<td>(Madagascar, Borneo, Amazon)</td>
</tr>
<tr>
<td>Mountains 9</td>
<td>(Himalayas, Alps, Andes)</td>
</tr>
<tr>
<td>Desert 10</td>
<td>(Kalahari, Atacama, Sahara)</td>
</tr>
</tbody>
</table>

(10)