FORM 1 GEOGRAPHY TIME: 1h 30min

Name: _____________________________________  Class: _______________

Answer all questions in the space provided.
This is a list of geographical words used in this exam paper and their meaning in Maltese.

<table>
<thead>
<tr>
<th>Plan</th>
<th>Pjanta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statement of scale</td>
<td>Skala miktuba</td>
</tr>
<tr>
<td>Linear scale</td>
<td>Linja ta‘ skala</td>
</tr>
<tr>
<td>Deciduous trees</td>
<td>Siġar deċidwi</td>
</tr>
<tr>
<td>Coniferous trees</td>
<td>Siġar koniferi</td>
</tr>
<tr>
<td>Limestone</td>
<td>Blat kalkarju</td>
</tr>
<tr>
<td>Grid square</td>
<td>Kwadru</td>
</tr>
<tr>
<td>Marsh</td>
<td>Art mistaghdra</td>
</tr>
<tr>
<td>Pillar</td>
<td>Plier</td>
</tr>
<tr>
<td>Block/bar graph</td>
<td>Graff bil-blokkki</td>
</tr>
<tr>
<td>Rain gauge</td>
<td>Pluvjometru</td>
</tr>
<tr>
<td>Pot hole</td>
<td>Hofra fil-blat</td>
</tr>
</tbody>
</table>

1. Look carefully at the image (Figure 1) showing a drawing of a classroom. On a separate sheet of paper draw a plan of the classroom marking clearly the desks, chairs, windows, door, teacher’s desk and whiteboard.

Figure 1
2. Examine well the following map showing the city of Valletta.

![Map of Valletta](image)

Figure 2

a. Tick (✓) the correct answer.
   The type of scale shown on the map is called
   
<table>
<thead>
<tr>
<th>representative statement</th>
<th>linear scale</th>
<th>ratio of scale</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   (1)

b. Say if the following statements are **true** or **false**.

<table>
<thead>
<tr>
<th>Statement</th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td>The <strong>Fish Market</strong> is found in Marsamxett Harbour.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The <strong>Upper Barracca Gardens</strong> overlook Marsamxett Harbour.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triq <strong>Brittanja</strong> is parallel to Triq Santa Luċiija.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3)
c. Measure the straight line distance from

i. the **Art Museum** to the **Fish Market**. ..........................

ii. the **National War Museum** to the **Upper Barracca Gardens** ........................ (2)

d. Colour in red **Triq ir-Repubblika**.  

(1)

e. Give clear directions to a tourist who from the **Art Museum** wants to visit **Fort St. Elmo**.

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(3)

3. Look at the map in Figure 3 on page 4 and then answer the following questions.

a. Give the four figure grid reference of the following:

i. Parking area  ....................

ii. Coniferous trees  ....................

iii. one of the bridges  ....................  

(3)

b. On the map there are three bridges. Why do you think there was the need to construct these bridges?

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(2)

c. A person walked on the pavement along the whole length of the main road. How much did he travel?

.................................................. (2)
Figure 3
d. More coniferous trees were planted in grid square 2743. Mark these on the map. (1)

e. Give the compass directions.
   i. The church is found to the …………………….. of the lighthouse.
   ii. The coniferous trees are found to the …………………….. of the camp site. (2)

f. The main football ground on this island is found in grid square 2543. Draw a symbol of your choice to represent the football ground on the map. Include your new symbol on the key of the map. (2)

4. Look carefully at the box in Figure 4.
   a. What do we call this box? Tick (✓) the correct answer.

   ![Figure 4](image)

   Barometer
   Stevenson Screen
   Rain Gauge
   Thermometer

   Figure 4 (1)

   b. Why is this box important in a Meteorological station?

   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………

   (2)

   a. Where is this box usually placed in a meteorological station?

   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………
   ………………………………………………………………………………………………………

   (2)
5. At school, two students Janet and James took the readings of the rain for a number of days.
   
a. What instrument did they use to find out how much rain fell each day?
   .................................................                       (1)

b. Draw a bar graph of these readings.

<table>
<thead>
<tr>
<th>Day</th>
<th>Rain (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>10</td>
</tr>
<tr>
<td>Tuesday</td>
<td>5</td>
</tr>
<tr>
<td>Wednesday</td>
<td>No rain</td>
</tr>
<tr>
<td>Thursday</td>
<td>15</td>
</tr>
<tr>
<td>Friday</td>
<td>20</td>
</tr>
</tbody>
</table>

(10)
6. Examine well the map below (Figure 5) and then answer the questions.

![Map of Europe and Mediterranean region]

**Figure 5**

a. Colour and name the Mediterranean Sea.  

b. Name the five Mediterranean countries shaded and numbered 1 to 5.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

(5)

c. Name and mark on the map a country that has a border with (touches) country 1.
d. On the map colour and name (besides those already marked) two European countries that do not touch the Mediterranean Sea.

7. Read carefully the following statements about the rocks of the Maltese Islands.

a. Tick (√) the statements that are true.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Malta is made up of volcanic rocks.</td>
<td></td>
</tr>
<tr>
<td>ii. Geologists call the ancient Mediterranean Sea, the Sea of Tethys.</td>
<td></td>
</tr>
<tr>
<td>iii. There are five major layers of rocks in the Maltese Islands.</td>
<td></td>
</tr>
<tr>
<td>iv. Globigerina Limestone is an impermeable type of rock.</td>
<td></td>
</tr>
<tr>
<td>v. Lower Coralline Limestone is crushed into spalls to make concrete.</td>
<td></td>
</tr>
<tr>
<td>vi. Lower Coralline Limestone is the softest rock found in Malta.</td>
<td></td>
</tr>
</tbody>
</table>

b. Rewrite correctly the false statements from the exercise above.

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(3)  

c. Look carefully at the photo, Figure 6, on page 9 showing the remains of a fossil found in the layers of Maltese rocks.

Explain why fossils are found in rocks.

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…………………………………………………………………………………………
…………………………………………………………………………………………
…………………………………………………………………………………………

(2)
8. a. Examine Figure 7 and use arrows to add the following labels in their right position on the diagram.

Stalagmite  permeable rock  cave  impermeable rock  stalactite  pillar  pot hole

Figure 7
b. Use the labels given for question 8 a. to explain the changes made to limestone when water passes through it.

..............................................................................................................................................................................................................................................................................................................................................................................................(5)

9. a. Examine the map, Figure 8 and then give the names of the places numbered 1 to 5 with the help of these directions.

![Map of a geographical area with labels 1 to 5](image)

Figure 8
i. Place 1 is the principal town of Gozo. ..............................................

ii. Place 2 is a well-known fishing village. ..............................................

iii. Place 3 is an island between Gozo and Malta. ..............................................

iv. Place 4 is visited by many tourists and locals and it is close to Gzira. ..............................................

v. Place 5 is the place where the Gozo ferry docks while in Gozo. ..............................................

(5)

b. On the map of Malta mark and name two other localities of your choice. .............................................. (4)

10. a. Give two differences between a rural and an urban settlement.

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b. Imagine that you are the Minister for Tourism in Malta speaking to foreign travel agents. Apart from the sea and the sun mention four other tourist attractions in the Maltese Islands.

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........................................................................................................................................(4)