

JUNIOR LYCEUM ANNUAL EXAMINATIONS 2010

Directorate for Quality and Standards in Education
Educational Assessment Unit

FORM 4

GEOGRAPHY (GENERAL)

TIME: 1h 30min

Name: _____

Class: _____

Answer all questions. Both this examination paper and other foolscaps used must be returned.

1. Study carefully the world map (Map 1) and then answer the following questions.

a. On the map itself name;

- (i) the countries marked by the letters **A** and **B** which are major oil producing countries,
- (ii) countries **C** and **D** which are major oil consuming countries.

(4)

b. Name on the map;

- (i) Desert E
- (ii) Forest F
- (iii) Mountains G

(3)

c. Name the cities marked by the letters **H, I, J and **K**.**

(4)

2. Look carefully at photos 1 and 2.

a. Name the physical feature shown in photo 1.

(2)

b. Briefly explain how the sea can wear and erode the coast.

(3)

c. Explain how the feature shown in photo 1 was formed.

(3)

d. Photo 2 shows a coastal depositional landform. Name the landform shown.

(2)

e. How are these depositional shore landforms formed?

(3)



Photo 1

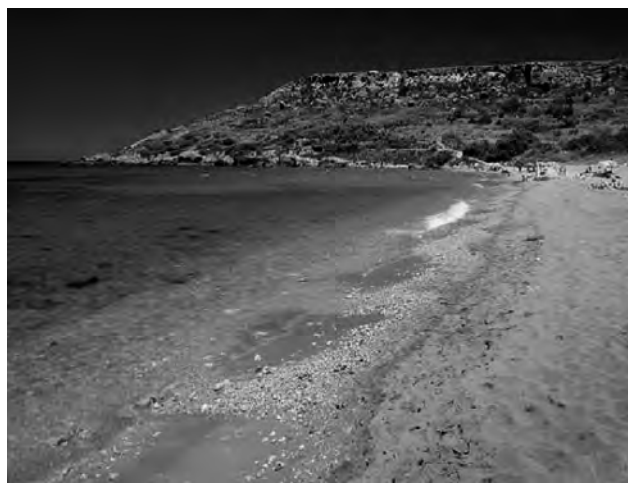
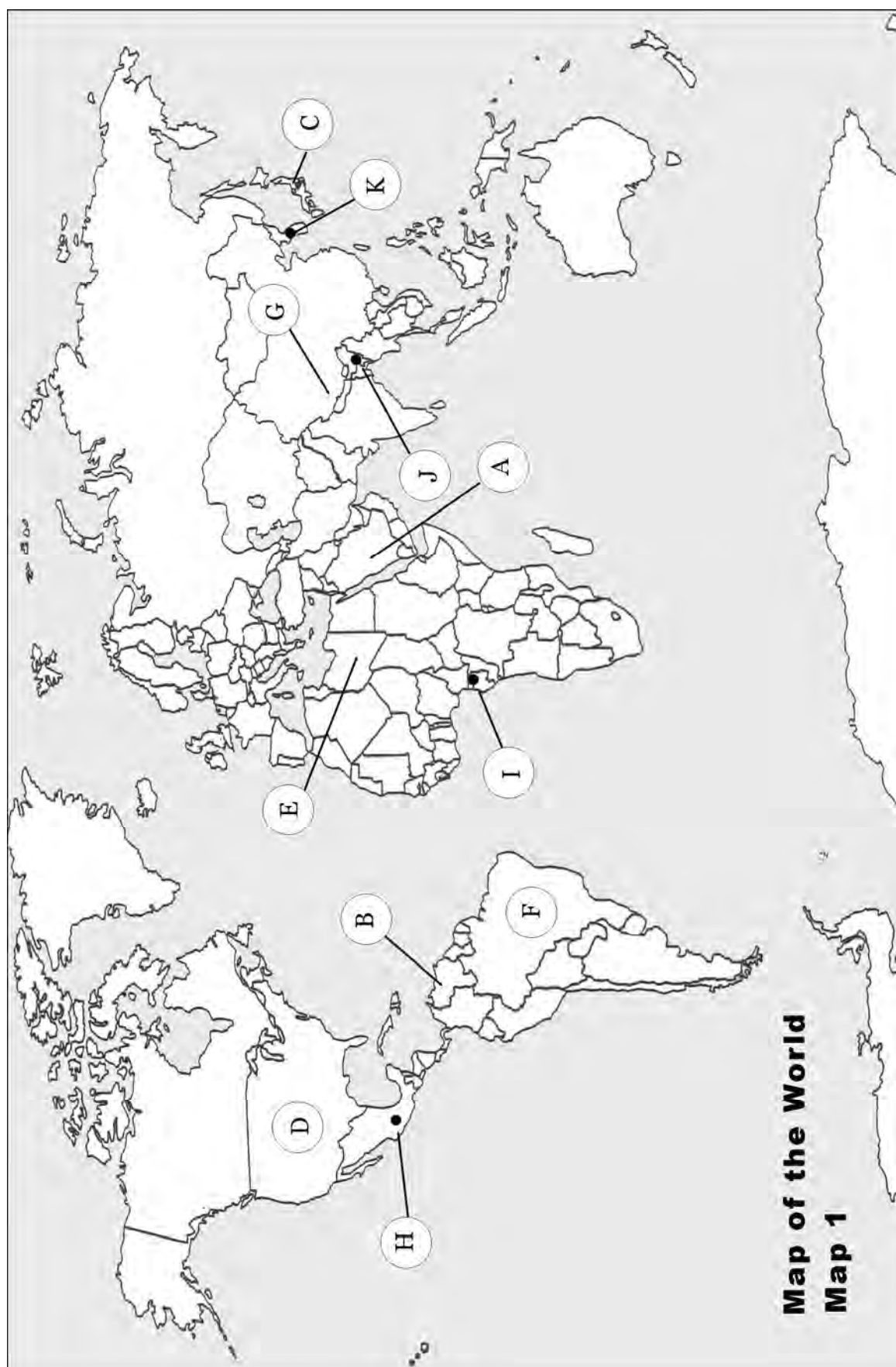


Photo 2



Map of the World
Map 1

3. Rain, sun, wind and frost constantly break down the rocks by the process of weathering erosion.
- Explain how rocks are broken down by the process of:
 - Onion-skin weathering
 - Biological weathering
 - Name the process or type of weathering described below:
 - Water in cracks freezes and expands to split or shatter rocks
 - The break down of rocks by the action of acid in rainwater
4. a. Explain how rivers manage to erode their channels.
- b. Define the terms;
- river load
 - V-shaped valley
- c. Bends usually develop on rivers mainly because of the water's eroding power.
- What are river bends called?
 - What is a flood plain of a river? List an advantage and a disadvantage of farming the floodplain.
5. Study carefully the data shown below entitled Table 3. Note that figures are given per 1000 people.
- Define the terms **birth rate** and **death rate**.
 - Work out the population growth rate for China, France and Italy.
 - What happens if the death rate is higher than the birth rate?
 - Work out the death rate for the USA.
 - Name a country from the table showing a decline in population.
 - List the countries from the table by the size of their natural increase. Put the one with the greatest increase first.
 - List 4 factors that can affect the birth rate and death rate of a country.

Country	Birth Rate	Death Rate	Natural Increase
Japan	8	10	-2
Bangladesh	25	9	16
France	13	9	
USA	14		6
China	14	7	
Italy	8	11	

Table 3

6.
 - a. What are wetlands?
 - b. What are the reasons for the draining and elimination of wetlands?
 - c. Why do you think that wetlands should be protected?

7.
 - a. Define the terms **endangered** and **extinct** species. (4)
 - b. Give a reason to explain why whales have become endangered. (2)
 - c. Name one environmental group in the Maltese Islands whose main aim is to protect the natural environment. (1)

8. *Natural resources can be divided into renewable and non-renewable resources.*
 - a. Which of photos 4 and 5 show an example of;
 - (i) Renewable resource
 - (ii) Non-renewable resource. (2)
 - b. Give a brief explanation of the terms **Renewable** and **Non-renewable** resources. (4)
 - c. Give another example, besides that seen in the photo, of a non-renewable energy resource used in the Maltese Islands. (1)
 - d. Photo 5 shows a wind turbine similar to the one that is going to be installed at is-Sikka l-Bajda in Mellieha. List two advantages of wind power as a source of energy. (2)



Photo 4



Photo 5

9.
 - a. Name two physical factors and two human factors which influence farming. (4)
 - b. Briefly explain how climate affects the cultivation of rice in the Ganges Delta. (4)
 - c. Explain how, with the help of technological advances in farming, physical problems in the San Joaquin Valley in the USA have been reduced. (4)

EŻAMIJIET ANNWALI TAL-JUNIOR LYCEUM 2010

Direttorat għal Kwalità u Standards fl-Edukazzjoni

Taqsimat tal-Assessjar Edukattiv

IR-RABA' SENA

ĠEOGRAFIJA (ĠENERALI)

HIN: Siegha u Nofs

Isem: _____

Klassi: _____

Wieġeb il-mistoqsijiet kollha. Din il-karta tal-eżami flimkien ma' karti ohra li ntuzaw għandhom jiġu miġbura lura.

1. Hares sewwa lejn il-mappa (Mappa 1) u wara wieġeb dawn il-mistoqsijiet.

- a. Fuq il-mappa ikteb l-isem;
 - (i) tal-pajjizi li jipproduċi ħafna żejt u mmarkati bl-ittri **A** u **B**,
 - (ii) pajjizi **Ċ** u **D** li jikkunsmaw ħafna żejt. (4)
- b. Fuq il-mappa ikteb l-isem;
 - (i) tad-deżert **E**,
 - (ii) tal-foresta **Ċ**,
 - (iii) tal-muntanji **G**. (3)
- ċ. Semmi l-bliet immarkati bl-ittri **H**, **I**, **J** u **K**. (4)

2. Hares sewwa lejn l-istampi 1 u 2.

- a. Semmi l-fattur fiżiku li jidher fl-ewwel ritratt. (Stampa 1) (2)
- b. Spjega kif il-mewġ tal-baħar huwa kapaċi jiekol u jkisser il-blat. (3)
- ċ. Spjega kif ifforma dan il-fattur fiżiku li jidher fi Stampa 1. (3)
- d. Semmi l-fattur fiżiku li jidher fit-tieni ritratt (Stampa 2) ifformat permezz tad-depożizzjoni mill-mewġ. (2)
- e. Spjega kif dan il-fattur fiżiku fforma. (3)



Stampa 1



Stampa 2



Mappa tad-Dinja

Mappa 1

3. *Ix-xita, ix-xemx, ir-riħ u l-ġlata jkissru u jgħawru l-blat bi proċessi ta' tmermir u ta' en*
- Spjega kif il-blat jitkisser permezz tal-
 - proċess ta' sfoljazzjoni jew taqxir folja folja
 - proċess bijoloġiku. (8)
 - X'jissejjah il-proċess ta' tmermir tal-blat spjegat hawn taht?
 - L-ilma jiffriża fix-xquq u permezz t'hekk il-blat jaqsam, jinkiser u jittfarrak.
 - It-tkissir tal-blat permezz ta' aċidi fl-ilma tax-xita. (2)
4. a. Spjega kif ix-xmajjar huma kapaċi jgħawru u jieklu l-kanal ewlieni minn fejn jgħaddu. (4)
- b. Spjega x' ifissru;
 - It-tagħbija tax-xmara
 - Wied f'għamali tal-ittra V (2)
- ċ. *Il-liwġiet fix-xmajjar isehħu minħabba l-qawwa tal-ilma miexi.*
- X'jissejhu l-liwġiet 'l hawn u 'l hemm fix-xmajjar? (1)
 - X'nifhmu meta ngħidu pjanura tal-gharghar. Semmi vantaġġ u żvantaġġ wiehed jekk il-pjanura tal-gharghar tintuża għall-biedja. (6)
5. Hares sewwa lejn it-tabella t'hawn taht (Tabella 3). In-numri huma mogħtija għal kull elf ruh.
- X'ifissru l-kliem **rata tat- twelid** u **rata tal-imwiet**? (4)
 - Aħdem iż-żieda fil-popolazzjoni fiċ-Ċina, Franza u l-Italja. (3)
 - X'jigri jekk ir-rata ta' mwiet hija oghla mir-rata tat-twelid? (2)
 - Kemm hi r-rata ta' mwiet fl-Istati Uniti? (2)
 - Semmi pajjiż minn fuq il-lista fejn il-popolazzjoni qegħda tonqos. (2)
 - Poġġi l-pajjiżi fuq il-lista skond id-daqs taż-żieda fil-popolazzjoni. Poġġi l-pajjiż bl-ogħla żieda l-ewwel. (3)
 - Semmi 4 fatturi li għandhom effett fuq ir-rata ta' twelid u tal-imwiet ta' pajjiż. (4)

Pajjiż	Rata tat-Twelid	Rata tal-Imwiet	Żieda Naturali
Il-Ġappun	8	10	-2
Bangladex	25	9	16
Franza	13	9	
L-Istati Uniti	14		6
Iċ-Ċina	14	7	
L-Italja	8	11	

Tabella 3

6. a. X'inhuma artijiet mistagħdra?
 b. X'inhuma r-raġunijiet li hafna minn dawn l-artijiet mistagħdra ġew reklamati?
 ċ. Għaliex taħseb li dawn l-artijiet għandhom jiġu protetti?
7. a. Spjega xi jfissru l-kliem **hlejjjaq estinti** u **hlejjjaq fil-periklu li jiġu estinti**. (4)
 b. Għal liema raġuni l-baleni jinsabu fil-periklu li jiġu estinti? (2)
 ċ. Semmi grupp ambjentali f'pajjiżna li jaħdem favur l-ambjent naturali. (1)
8. *Ir-Rizorsi Naturali jistgħu jinqasmu fi tnejn: daww rinnovabbli u daww li mhux rinnovabbli.*
 a. Liema mir-ritratti ta' hawn taħt (stampi 4 u 5) juru
 (i) Rizors rinnovabbli
 (ii) Rizors mhux rinnovabbli. (2)
 b. Agħti spjegazzjoni tal-kliem **rizorsi rinnovabbli** u **rizorsi mhux rinnovabbli**. (4)
 ċ. Agħti eżempju ieħor, minbarra dak li jidher fir-ritratt, ta' sors ta' enerġija mhux rinnovabbli li tintuża fil-Gżejjer Maltin. (1)
 d. Wiehed mir-ritratti juri turbini tar-riħ bħal daww li se jiġu installati fuq is-Sikka l-Bajda fil-Mellieħa. Semmi żewġ vantaġġi tal-użu ta' dawn it-turbini biex niġġeneraw l-elettriku. (2)



Stampa 4



Stampa 5

9. a. Semmi żewġ fatturi fiżiċi u tnejn oħra umani li jaffettwaw ix-xogħol tal-biedja. (4)
 b. Fi ftit kliem spjega kif il-klima taffettwa it-tkabbir tar-ross matul ix-Xmara Ganges fl-Indja. (4)
 ċ. Spjega kif bl-ġhajjnuna tal-avvanzi teknoloġiċi fil-biedja, il-problemi fiżiċi ġew meġhluha fil-Wied ta' San Joaquin fl-Istati Uniti. (4)