

IL-BORD TAL-MATRIKOLA U TAČ-ČERTIFIKAT TAL-EDUKAZZJONI SEKONDARJA
L-UNIVERSITÀ TA' MALTA, L-IMSIDA

LIVELL TAČ-ČERTIFIKAT TAL-EDUKAZZJONI SEKONDARJA

SESSJONI MEJJU 2014

SUĞġETT:	L-Istudji Ambjentali
KARTA NUMRU:	I
DATA:	22 ta' Mejju 2014
HIN:	mill-4:00 p.m. sas-6:00 p.m.

Wieġeb il-mistoqsijiet KOLLHA f'din il-karta.

TaqSIMA A għandha 40 marka u TaqSIMA B għandha 50 marka.

TaqSIMA A

1. *Ekosistema hija r-relazzjoni bejn oggetti ħajjin u l-ħabitat tagħhom.*
 - a. Semmi **ŻEWġ** ekosistemi Maltin differenti. (2)
 - b. Fil-qosor iddekskrivi l-komponenti prinċipali ta' **WAHDA** mill-ekosistemi msemmija f'(a) hawn fuq. (2)
2. Spjega fil-qosor ghaliex ir-reġjun tal-Mediterran spiss ikollu xi terrimoti u attivitā volkanika. (3)
3. *Madwar 20% tat-territorju Malti huwa mħares bil-liġi minħabba li ssib ħhabitats u ħlejjaq uniċi u importanti go fih.*
 - a. Semmi **TLIET** riservi tan-natura jew parks naturali li jinsabu fil-Gżejjer Maltin. (3)
 - b. Dawn l-erjas jipprovdu wkoll santwarju għal ħlejjaq fil-periklu li jsiru estinti. Semmi speci endemika **WAHDA**. (1)
4. *Il-materjal jitqies li jkun skart jekk jitwarrab, jekk ikun maħsub li jitwarrab, jew jekk ikun meħtieġ li jitwarrab.* Fisser fil-qosor kull waħda minn dawn li ġejjin:
 - a. *Engineered landfill* (1)
 - b. *Bring-in sites* (1)
 - c. *Incineration* (1)
5. Agħti **ŻEWġ** raġunijiet għala d-densità tal-populazzjoni f'Għawdex hija inqas minn dik ta' Malta. (2)
6. a. Ghaliex bosta Maltin emigraw fis-sekli 19 u 20? (1)
 - b. Semmi **ŻEWġ** pajjiżi li l-Maltin emigraw spiss lejhom fis-seklu 19. (2)
 - c. Semmi **ERBA'** pajjiżi li llum jattiraw Maltin li jridu jemigraw. (2)
7. a. X'importanza kelli r-Rapport ta' Keenan fuq l-iżvilupp tal-edukazzjoni f'Malta? (2)
 - b. Dan ir-rapport kif affettwa l-lingwi użati f'Malta dik il-ħabta? (2)

8. Tnejn minn dawn li ġejjin huma jew għandhom fdalijiet arkeologiċi Griegi. Semmihom it-**TNEJN**. (2)
a. Alhambra b. Agriġento c. Sabrata d. Akropolis
9. L-ambjent soċjoekonomiku ta' Malta nbidel minn wieħed ibbażat fuq ekonomija cċentralizzata għal dik magħrufa bħala ekonomija varjata.
a. X'nifhmu b':
 (i) ekonomija varjata? (1)
 (ii) ekonomija cċentralizzata? (1)
b. Spjega fil-qosor il-benefiċċji tas-settur digitali tal-ekonomija. (2)
10. Spjega fil-qosor dawn it-termini:
a. il-Prodott Gross Domestiku (PGD) (1)
b. Żona Industrijali (1)
11. It-turisti jivvjaġġaw f'pajjiż barranin għal raġunijiet differenti. Semmi **TNEJN** minn dawn ir-raġunijiet u elabora fuq **WIEHED** minnhom. (2+1)
12. Bħala Stat Membru tal-Unjoni Ewropea, Malta ġabtet wiċċha ma' diversi sfidi soċjali u ekonomiċi.
a. Spjega fil-qosor id-differenza bejn sfidi soċjali u ekonomiċi. (2)
b. Semmi eżempju **WIEHED** ta' sfida ekonomika u eżempju **WIEHED** ta' sfida soċjali. (2)

Taqsim B

Aqra sew is-silta li ġejja u mbagħad wieġeb il-mistoqsijiet **KOLLHA** ta' din il-parti:

1. Xi postijiet ta' abitazzjoni Maltin imorru lura sekli shah u kienu jikkonsistu kemm f'postijiet mibnijin bil-ġebel u kemm f'postijiet maqtughin fil-blat. Id-djar mibnijin bil-ġebel minn dejjem kien t-tip ta' djar ippreferuti. Imma hemm xi nhawi fil-kampanja Maltija fit-Tramuntana u l-Majjistral ta' Malta fejn il-postijiet abitati thaffru fil-blat. L-ġħajxien fl-għerien kellu l-vantaġġi tiegħu. Bosta għerien minn ġewwa kien relattivament shan fix-xitwa u friski fis-sajf. Anki meta kien ikun hemm xi ħbit tal-furbani, u d-djar fl-għerien kien jinsterqu u jinħarqu, il-ħsara ma kinitx tkun kbira fihom. Kien hemm ghadd minn dawn l-ġħerien li kienu jintużaw ukoll bhala knejjes. Hafna minn dawn il-postijiet mibnijin u mħaffrin fil-blat fit-Tramuntana u l-Majjistral ta' Malta kien jinstabu direttament fuq il-perched aquifer u kellhom aċċess faċli għall-ilma frisk. Din il-ħaga ma kinitx tinsab f'dawk il-postijiet abitati fiċ-ċentru u x-Xlokk ta' Malta, li l-provvista tal-ilma tagħhom kienet tiddependi bosta drabi mill-ilma tax-xita miġmugħi f'għibjuni taħt l-art. Il-postijiet abitati fl-inħawi tal-Port il-Kbir huma eżempju ta' dawn it-tipi ta' abitazzjoni.
 - a) Semmi **ŻEWĞ** postijiet Maltin/Għawdexin ta' abitazzjoni mibnijin li jmorrū lura għall-Perjodu Medjevali. (2)
 - b) Agħti eżempju **WIEHED** ta' post Malti/Għawdexi ta' abitazzjoni fl-għerien ta' kwalunkwe perjodu u fil-qosor iddeskrivi l-lokalità ġeografika tiegħu. (1+1)
 - c) Semmi vantaġġ u żvantaġġ (WIEHED minn kull wieħed) ta' għajxien f'għar bħala dar. (1+1)
 - d) Agħti eżempju **WIEHED** ta' knisja mħaffra fil-blat li nsibu Malta. (1)
 - e) Lokalment insibu żewġ tipi ewlenin ta' *aquifers*: il-perched u l-mean-sea-level aquifers.
 - i) X'inhu *aquifer*? (2)
 - ii) Spjega fil-qosor kif jiffurmaw ruħhom il-perched aquifer u l-mean-sea-level aquifer. Pingi skeċċi biex turi dak li tkun qed tispjega. (4)
 - f) Fi żmien il-Kavallieri, ghadd ta' nixxighat tal-perched aquifer fl-inħawi tar-Rabat Malta kien utilizzati biex jipprovdu l-ilma għall-Belt Valletta.
 - i) Fil-qosor spjega kif kien jitwassal l-ilma sal-Belt Valletta. (2)
 - ii) Min kien il-Gran Mastru li beda dan il-proġett? (1)
 - iii) Għaliex provvista permanenti tal-ilma kienet meqjusa importanti għall-Belt Valletta bħala post ta' abitazzjoni? (4)
 - g) Matul il-ħakma Ingliża, kien hemm proġett ieħor bħal dan. Minn fejn u sa fejn kien iwassal l-ilma dan il-proġett? (1+1)
 - h) L-ilma tal-perched aquifer mhux dejjem kien tajjeb għas-saħħha tal-bniedem. Semmi marda **WAHDA** li fl-imġħoddi kienet tiġi mill-ilma mniġġes. Fil-qosor iddeskrivi l-effetti li kellu fuq is-saħħha tal-bniedem. (1+2)

aqleb

Aqra sew is-silta li ġejja u mbagħad wieġeb il-mistoqsijiet **KOLLHA** ta' din il-parti:

2. Is-sena 2013 fakkret iċ-ċelebrazzjoni tal-20 anniversarju mill-introduzzjoni tal-Kunsilli Lokali f'Malta. Il-Kunsilli Lokali huma istituzzjoni politika stabbilita mill-Parlament Malti permezz tal-Att tal-Kunsilli Lokali tal-1993, b'diversi amendi fil-ligi matul iż-żmien biex jirriflettu aħjar l-ambjent politiku u soċjali li qed jinbidel f'Malta. Ir-responsabilità ewlenija tal-Kunsilli Lokali hija li jieħdu ħsieb il-ħtiġijiet tal-ambjent generali fil-lokalitajiet rispettivi partikulari tagħhom. Kull waħda mit-tmienja u sittin lokalitā f'Malta u Għawdex għandha l-ambjent naturali, storiku, u soċjali partikulari tagħha li jagħti lill-iblet u l-iż-żgħira Maltin l-identità speċifika tagħhom. Il-kampanja tipika Maltija bil-hitan tas-sejjieħ, il-giren, u l-irziezet, u l-arkitettura Maltija tad-djar, il-palazzi, u l-bereg isawru l-wirt ambjentali tal-Gżejjer Maltin. Aktar important minn hekk, il-lokalitā hija magħmul minn komunità ta' residenti bl-interazzjonijiet ta' kuljum bejn in-nies u mal-ambjent ta' madwarhom. Is-sena 2014, imbagħad, tfakkar iċ-ċelebrazzjoni ta' tliet anniversarji importanti li jikkommemoraw žviluppi kostituzzjonali sinifikanti fil-ġrajja politika Maltija. Wieħed jista' jgħid li l-bidu ta' dawn l-iż-żviluppi kienu l-irvelliżi tas-7 ta' Ġunju, 1919, li wasslu ghall-ghoti tas-self-government fl-1921. Is-ħubija ta' Malta fl-Unjoni Ewropea hija r-riżultat ta' din is-sensiela ta' žviluppi politici u kostituzzjonali.

[Adattata mill-Att tal-Kunsilli Lokali 1993 Kap. 363, u G. Said-Zammit (ed.) (2012) *Environmental Education: Malta & Beyond*].

- a) L-ambjent fil-lokalitajiet Maltin huwa magħmul minn aspetti naturali, storiċi, u soċjoekonomiċi. Spjega x'nishmu bl-aspett soċjoekonomiku tal-ambjent. (3)
- b) Semmi **ŻEWĞ** modi li bihom il-Kunsill Lokali jista' jtejjeb l-ambjent generali tal-lokalitā tiegħek. Elabora fuq kull wieħed. (2+2)
- c) Spjega xi jfissru għall-istorja politika Maltija t-**TLIET** žviluppi kostituzzjonali ewlenin li qed jitfakkru fl-2014. (2+2+2)
- d) Hemm tliet istituzzjonijiet ewlenin tal-Unjoni Ewropea.
 - i) Semmi dawn it-**TLIET** istituzzjonijiet ewlenin tal-Unjoni Ewropea. (3)
 - ii) Ikteb paragrafu ta' madwar 6 linji fuq il-funzjonijiet ta' **WAHDA** minn dawn l-istituzzjonijiet. (3)
- e) Fisser x'nishmu b'ħitan tas-sejjieħ, giren, u rziezet. (1+1+1)
- f) Iddekskrixi fil-qosor l-irvelliżi tas-7 ta' Ġunju, u semmi **ŻEWĞ** kawzi għal dawn l-irvelliżi.

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SESSJONI MEJJU 2014

SUĞGETT:	L-Istudji Ambjentali
KARTA NUMRU:	IIA
DATA:	30 ta' Mejju 2014
HIN:	mill-4:00 p.m. sas-6:00 p.m.

Wieġeb ERBA' mistoqsijiet, waħda minn KULL taqsima, u mistoqsija OHRA minn fejn ikun.

**TaqSIMA A: Id-Dinja – Id-Dar Tagħna
L-Immaniġġjar tar-Riżorsi**

- Iddekskrivi l-formazzjoni tal-arċipelago Malti. Fit-tweġiba tiegħek trid tinkludi tagħrif fuq il-blatt, il-ksur fil-blatt, u d-depožiti ta' ħamrija. (20)
- Malta hija pajjiż b'riżorsi naturali limitati. Ikkummenta fuq l-użu u l-esplojtazzjoni tal-lum ta' ŻEWġ riżorsi li nsibu lokalment. (20)

**TaqSIMA B: Il-Populazzjoni Umana
Il-Komunitajiet Umani**

- Iddekskrivi l-iżvilupp storiku ta' WAHDA mill-iblet storiċi ffortifikati ta' Malta u Għawdex. Din il-belt kif qiegħda tiġi ppriservata u rrestawrata llum? (20)
- Spjega l-iżvilupp tad-difiża u l-fortifikazzjonijiet ta' Malta mill-1500 W.K. sal-bidu tal-Ewwel Gwerra Dinjija. (20)

**TaqSIMA C: Ix-Xogħol u l-Hin tal-Mistrieh
It-Tmexxija ta' Nazzjon**

- Iddiskuti l-influwenza tal-Media tal-Komunikazzjoni fuq l-istil tal-ħajja tan-nies. (20)
- Il-Kunsilli Lokali għandhom sehem importanti fid-deċentralizzazzjoni tas-setgħa u l-iżvilupp ta' ambjent demokratiku. Iddiskuti. (20)

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SESSJONI MEJJU 2014

SUĞGETT: **L-Istudji Ambjentali**
KARTA NUMRU: IIB
DATA: 30 ta' Mejju 2014
HIN: mill-4:00 p.m. sas-6:00 p.m.

Wiegeb ERBA' mistoqsijiet, wahda minn KULL taqsima, u mistoqsija OHRA minn fejn ikun.

Taqsim A: Id-Dinja – Id-Dar Tagħna
L-Imma niġġjar tar-Riżorsi

1. (a) Aghmel lista tal-**HAMES** depožiti principali tal-blat li jifformaw il-geoloġija Maltija. Il-lista ibdieha mill-aktar formazzjoni reċenti ta' blat. (5)
(b) Ma' liema familja ta' blat jagħmlu d-depožiti Maltin ta' blat? Kif kienu ffurmati dawn? (5)
(c) Semmi *fault* geoloġiku **WIEHED** li jinsab fil-Gżejjer Maltin. Fil-qosor spjega għaliex isir il-ksur fil-blat (faults). (5)
(d) Semmi **TLIET** tipi differenti ta' ħamrija li nsibu fil-Gżejjer Maltin. Spjega fil-qosor il-karatteristici ewlenin tagħhom. (5)
 2. (a) Spjega d-differenza bejn riżorsi li jiġgeddu (renewable) u dawk li ma jiġgeddu (non-renewable). (6)
(b) Semmi **ERBA'** riżorsi naturali li nsibuhom Malta. (4)
(c) Spjega fil-qosor kif **TNEJN** mir-riżorsi naturali li semmejt f'(b) hawn fuq jintużaw f'Malta. (5+5)

Taqsim B: Il-Populazzjoni Umana Il-Komunitajiet Umani

**Taqsim Ċ: Ix-Xogħol u l-Hin tal-Mistrieh
It-Tmexxija ta' Nazzjon**

5. *L-užu wiesa' tal-Media tal-Komunikazzjoni biddel l-istil ta' ħajja tan-nies fis-soċjetà Maltija.*
 - (a) Agħti ŻEWġ eżempji tal-Media tradizzjonali tal-Komunikazzjoni u ŻEWġ eżempji tal-Media moderna tal-Komunikazzjoni. (2+2)
 - (b) Semmi t-**TLIET** funzjonijiet primarji tal-Media fis-soċjetà u kkummenta fuq kull waħda. (6)
 - (c) (i) X'nifhmu biha meta ngħidu stil ta' ħajja? (2)
(ii) Iddekskrivi **ERBA**' mill-bidliet li ġabu l-Media fl-istil tal-ħajja tal-Maltin. (8)
6. F'dawn l-aħħar 20 sena, l-ambjent politiku f'Malta sar aktar immaniġġat demokratikament meta l-Parlament illegiżla fuq id-deċentralizzazzjoni tas-setgħa, meta l-Kunsilli Lokali ngħataw sehem sinifikanti fl-iżvilupp tal-komunità lokali.
 - (a) Spjega:
 - (i) ambjent demokratiku (1)
 - (ii) deċentralizzazzjoni tas-setgħa (1)
 - (iii) żvilupp tal-komunità (1)
 - (b) Semmi t-**TLIET** funzjonijiet prinċipali ta' Kunsill Lokali u ikteb sentenza fuq kull funzjoni. (3+6)
 - (c) F'paragrafu ta' bejn 6 u 8 linji, issuġġerixxi **ERBA**' modi li bihom Kunsill Lokali jista' jiġi promovi ambjent aktar demokratiku fil-lokalità, li jista' jwassal għal żvilupp tal-komunità. (8)

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD
UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2014 SESSION

SUBJECT:	Environmental Studies
PAPER NUMBER:	I
DATE:	22 nd May 2014
TIME:	4:00 p.m. to 6:00 p.m.

Answer ALL questions in this paper.

Section A carries 40 marks and Section B carries 50 marks.

Section A

1. *An ecosystem is the relationship between living things and their habitat.*
 - a. Mention **TWO** different Maltese ecosystems. (2)
 - b. Briefly describe the principal components of **ONE** of the ecosystems mentioned in (a) above. (2)
2. Briefly explain why the Mediterranean region experiences frequent earthquakes and volcanic activity. (3)
3. *Around 20% of the Maltese territory is protected by law because of the presence of important and unique habitats and species contained within.*
 - a. Mention **THREE** nature reserves or natural parks present in the Maltese Islands. (3)
 - b. Such areas also provide sanctuary to endangered species. Mention **ONE** endemic species. (1)
4. *Materials are considered to be waste if they are discarded, intended to be discarded or required to be discarded.* Briefly explain each of the following:
 - a. Engineered landfill (1)
 - b. Bring-in sites (1)
 - c. Incineration (1)
5. Give **TWO** reasons why the population density of Gozo is much less than that of Malta. (2)
6. a. Why did many Maltese emigrate in the 19th and 20th centuries? (1)
b. Name **TWO** countries which Maltese commonly emigrated to in the 19th century. (2)
c. Name **FOUR** countries that nowadays attract Maltese who want to migrate. (2)
7. a. What importance did the Keenan Report have on the development of education in Malta? (2)
b. How did this report affect the languages in use in Malta at that time? (2)

8. Two of the following are or have Greek archaeological remains. List the **TWO** correct answers. (2)
a. Alhambra b. Agrigento c. Sabratha d. Acropolis
9. Malta's socio-economic environment has changed from one based on a centralised economy to what is known as a varied economy.
 - a. What is meant by: (i) varied economy? (1)
(ii) centralised economy? (1)
 - b. Explain briefly the benefits of the digital sector of the economy. (2)
10. Briefly explain the following terms:
 - a. Gross Domestic Product (GDP) (1)
 - b. Industrial Estate (1)
11. Tourists travel to a foreign country for various reasons. Name **TWO** of these reasons and elaborate on **ONE** of them. (2+1)
12. As a Member State of the European Union, Malta has faced various social and economic challenges.
 - a. Briefly explain the difference between social and economic challenges. (2)
 - b. Mention **ONE** example of economic challenges and **ONE** example of social challenges. (2)

Section B

Read the following extract well and then answer **ALL** questions from this section:

1. Some Maltese settlements are centuries old and consisted of both stone-built and rock-cut settlements. The stone-built houses were always the preferred type of housing. However, there are areas of the Maltese countryside in north and northwest Malta where settlements were dug in the rock. Living in caves had its own advantages. The interior of most caves was relatively warm in winter and cool in summer. Even if in the eventuality of a pirate raid, cave houses were plundered and burnt, these would have sustained very little damage. In a number of instances caves were also used as churches. Many of the built and rock-cut settlements in north and northwest Malta were located directly above the perched aquifer and had an easy access to fresh water. This was generally not the case with settlements located in central and southeast Malta, the water supply of which often depended on rain water collected in underground cisterns. Settlements in the Grand Harbour area are one such instance.

- a) Mention **TWO** Maltese/Gozitan built settlements which date back to the Medieval Period. (2)
- b) Give **ONE** example of a Maltese/Gozitan cave settlement of any period and briefly describe its geographic location. (1+1)
- c) Give **ONE** advantage and **ONE** disadvantage of living in a cave house. (1+1)
- d) Give **ONE** example of a rock-cut church found in Malta. (1)
- e) Two main types of aquifers are found locally: the perched and the mean-sea-level.
 - i) What is an aquifer? (2)
 - ii) Briefly explain how the perched and the mean-sea-level aquifers are formed. Draw a sketch to illustrate your explanation. (4)
- f) During the Knights' period, a number of perched aquifer springs in the Rabat area of Malta were utilised to supply Valletta with a water source.
 - i) Briefly explain how water was conveyed to Valletta. (2)
 - ii) Who was the Grandmaster that started this project? (1)
 - iii) Why was it considered to be important for the Valletta settlement to have a permanent water supply? (4)
- g) During the British rule, another such project was undertaken. From where and to where did this project transport water? (1+1)
- h) Perched aquifer water was not always good for human health. Mention **ONE** disease which in the past was caused by contaminated water. Briefly describe its effects on human health. (1+2)

Please turn the page.

Read the following extract well and then answer **ALL** questions from this section:

2. The year 2013 marked the celebration of the 20th anniversary of the introduction of Local Councils in Malta. Local Councils are a political institution established by the Maltese Parliament by means of the Local Council Act of 1993, with several amendments in the law in the course of time to better reflect the changing political and social environment in Malta. The main responsibility of Local Councils is to see to the needs of the general environment of their respective localities. Each of the sixty-eight localities in Malta and Gozo has its particular natural, historical and social environment which gives Maltese towns and villages their specific identity. The typical Maltese countryside with its rubble walls, ‘giren’ and ‘irziezet’, and the Maltese architecture of the houses, palaces and auberges make up the Maltese Islands’ environmental heritage. Most important of all, the locality is made up of the community of residents with the everyday interactions among the people and with the environment which surrounds them. The year 2014, then, is marked by the celebration of three important anniversaries which commemorate significant constitutional developments in Maltese political history. One might say that the starting point of these developments was the riots of 7th June, 1919 leading to the granting of self-government in 1921. Malta’s membership of the European Union is the result of this series of political and constitutional developments.

[Adapted from the Local Councils Act 1993 Cap. 363, & G. Said-Zammit (ed.) (2012) Environmental Education: Malta & Beyond].

- a) The environment in Maltese localities is made up of natural, historical and socio-economic aspects. Explain what is meant by the socio-economic aspect of the environment. (3)
- b) Mention **TWO** ways in which the Local Council can improve the general environment of your locality. Elaborate on each. (2+2)
- c) Explain the significance to Maltese political history of the **THREE** major constitutional developments commemorated in 2014. (2+2+2)
- d) There are three main European Union institutions.
 - i) List these **THREE** main European Union institutions. (3)
 - ii) Write a paragraph of about 6 lines on the functions of **ONE** of these institutions. (3)
- e) Explain what is meant by ‘rubble walls’, ‘giren’ and ‘irziezet’. (1+1+1)
- f) Briefly describe the 7th June riots, and mention **TWO** causes for these riots. (1+2)

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UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2014 SESSION

SUBJECT:	Environmental Studies
PAPER NUMBER:	IIA
DATE:	30 th May 2014
TIME:	4:00 p.m. to 6:00 p.m.

Answer FOUR questions, one from EACH section, and any OTHER question.

**Section A: The World – Our Home
Management of Resources**

1. Describe the formation of the Maltese archipelago. Your answer is to include information on its rocks, land faulting and soil deposits. (20)
2. Malta is a country of limited natural resources. Comment on the present-day use and exploitation of **TWO** locally available resources. (20)

**Section B: Human Population
Human Communities**

3. Trace the historic development of any **ONE** of the historic fortified cities of Malta and Gozo. How is this city being preserved and restored today? (20)
4. Account for Malta's defence and fortifications from 1500 A.D. to the outbreak of the First World War. (20)

**Section C: Work and Leisure
Managing a Nation**

5. Discuss the influence of the Media of Communication on people's lifestyle. (20)
6. Local Councils play an important role in the decentralisation of power and the development of a democratic environment. Discuss. (20)

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD
UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2014 SESSION

SUBJECT: Environmental Studies
PAPER NUMBER: IIB
DATE: 30th May 2014
TIME: 4:00 p.m. to 6:00 p.m.

Answer FOUR questions, one from EACH section, and any OTHER question.

Section A: The World – Our Home Management of Resources

1. (a) List the **FIVE** principal rock deposits which form the Maltese geology. List these rocks starting with the youngest rock formation. (5)
(b) To which family of rocks do the Maltese rock deposits belong? How were these formed? (5)
(c) Mention **ONE** geological fault found in the Maltese Islands. Briefly explain why land faulting takes place. (5)
(d) Name **THREE** different types of soils found in the Maltese Islands. Briefly explain their principal characteristics. (5)

 2. (a) Explain the difference between renewable and non-renewable resources. (6)
(b) List **FOUR** natural resources which are found in Malta. (4)
(c) Briefly explain how **TWO** of the natural resources you listed in (b) above are made use of in Malta. (5+5)

Section B: Human Population Human Communities

**Section C: Work and Leisure
Managing a Nation**

5. *Wider use of the Media of Communication has changed the lifestyle of people in Maltese society.*
 - (a) Give **TWO** examples of the traditional Media of Communication and **TWO** examples of the modern Media of Communication. (2+2)
 - (b) Mention the **THREE** primary functions of the Media in society and comment on each. (6)
 - (c) (i) What is meant by lifestyle? (2)
(ii) Describe **FOUR** of the changes in Maltese people's lifestyle brought about by the Media. (8)
6. In the last 20 years, the political environment in Malta has become more democratically managed when Parliament legislated on the decentralisation of power, with Local Councils being given a significant role in local community development.
 - (a) Explain:
 - (i) democratic environment (1)
 - (ii) decentralisation of power (1)
 - (iii) community development (1)
 - (b) Mention the **THREE** main roles in a Local Council and write a sentence on the function of each role. (3+6)
 - (c) In a paragraph of 6 to 8 lines, suggest **FOUR** ways in which a Local Council can promote a more democratic environment in the locality, which can lead to community development. (8)