

**MATRICULATION CERTIFICATE EXAMINATION  
L-EŻAMI GHAĊ-ĊERTIFIKAT TAL-MATRIKOLA**

**INTERMEDIATE LEVEL  
IL-LIVELL INTERMEDJU  
MAY 2012  
MEJJU 2012**

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<b>SUBJECT:</b>	SYSTEMS OF KNOWLEDGE
<b>DATE:</b>	28 <sup>th</sup> April 2012
<b>TIME:</b>	4.00 p.m. to 7.00 p.m.
<b>IS-SUĠĠETT:</b>	L-OQSMA TAL-GHERF
<b>ID-DATA:</b>	28 ta' April 2012
<b>IL-HIN:</b>	mill-4.00 p.m. sas-7.00 p.m.

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**Answer four questions, one question from each section.**

You may answer in either English or Maltese.

This paper carries 60% of the global mark.

Each question carries 25 marks.

Each question should be discussed and the arguments clearly made.

Make sure you discuss each question fully.

Answers that are out of point (not relevant to the question) will not be considered.

***Wieġeb erba' mistoqsijiet, waħda minn kull taqsima.***

*Tista' twieġeb bil-Malti jew bl-Ingliż.*

*Il-marki ta' din il-karta jammontaw għal 60% tal-marka totali.*

*Kull mistoqsija fiha 25 marka.*

*Kull mistoqsija trid tkun diskussa b'argumenti ċari.*

*Kun żgur li twieġeb kull mistoqsija b'mod sħieħ.*

*Twegħbiet li ma jkunux relevanti għall-mistoqsija ma jiġux aċċettati.*

### Section 1/Taqsim 1

#### Either/Jew

- 1) Democracy means ‘the rule of the people’, but the rule of the people has often been understood as a tyranny of the majority of the people; the right of the majority to impose its will on minorities. Discuss how the rights of minorities are, or can be safeguarded in modern democracies. You may illustrate your arguments with examples.

*Id-demokrazija tfisser ‘il-gvern tal-poplu’, imma l-gvern tal-poplu spiss kien jinftiehem bhala tirannija tal-maggoranza tal-poplu; id-dritt tal-maggoranza biex timponi r-rieda taghha fuq il-minoranzi. Iddiskuti kif id-drittijiet tal-minoranzi huma jew jistghu jkunu mharsa fid-demokraziji moderni. Tista’ tispjega l-argumenti tieghek bl-eżempji.*

#### Or/Jew

- 2) In Malta, unlike in many other European countries, we have a two party parliament. Discuss the advantages and/or disadvantages of this situation. Do you think it makes for a stronger or weaker democracy? You may illustrate your arguments with examples.

*F’Malta, mhux bhal f’bosta pajjiżi Ewropej ohra, ghandna parlament ta’ żewġ partiti. Iddiskuti l-vantaġġi u/jew l-iżvantaġġi ta’ din is-sitwazzjoni. Tahseb li din is-sistema ggib demokrazija aktar b’sahhitha jew aktar dgħajfa? Tista’ tispjega l-argumenti tieghek bl-eżempji.*

### Section 2/Taqsim 2

#### Either/Jew

- 1) Compare a painting of your choice from the Modern or Contemporary period (1900 onwards) with any painting produced during the Renaissance period. Describe each painting and discuss it in relation to its subject matter, its times and any innovative techniques used by the artists. What are the artistic qualities that make the modern or contemporary painting different from or similar to the Renaissance painting?

*Qabbel pittura li toghgbok mill-perjodu Modern jew Kontemporanju (mill-1900 ‘il quddiem) ma’ xi pittura maghmula matul il-perjodu tar-Rinaxximent. Iddeskrivi kull pittura u ddiskutiha skont is-suggett taghha, zminijietha, u xi tekniki innovattivi li uzaw l-artisti. X’inhuma l-kwalitajiet artistici li jaghmlu pittura moderna jew kontemporanja differenti minn jew simili ghal pittura Rinaxximentali?*

#### Or/Jew

- 2) For millennia in different parts of the world, the arts were vastly influenced by the dominant role that religion played in society. Sculpture, paintings, stained glass windows and other forms of visual art produced for public or sacred sites portrayed religious narratives or principles and helped to disseminate knowledge about the faith or served as places of reflection. Discuss, giving examples of works of art produced in different historical periods.

*Għal millennji shaħ f'partijiet differenti tad-dinja, l-arti kienet influwenzata hafna mis-sehem dominanti tar-reliġjon fis-soċjetà. L-iskulturi, il-pitturi, it-twieqi bil-ħġieġ imlewwen, u forom oħra tal-arti viżiva magħmulin għall-pubbliku jew għal xi postijiet sagri wrew grajjiet jew prinċipji reliġjużi u għenu sabiex jinxtered it-tagħrif fuq il-fidi jew servew bhala postijiet għar-riflessjoni. Iddiskuti u aḡhti eżempji ta' xogħlijiet tal-arti magħmulin f'perjodi storiċi differenti.*

### **Section 3/Taqsim 3**

#### **Either/Jew**

- 1) “The stereotype of a scientist (a recluse who speaks in a jumble of technical jargon) doesn't exactly paint a picture of someone whose work depends on communication and community, but in fact, interactions within the scientific community are essential components of the process of Science.” Discuss this statement.

*“L-isterjotip ta' xjentist (eremit li jitkellem b'taħlita ta' lingwa teknika) ma jagħtix eżatt stampa ta' xi ħadd li xogħlu jiddependi fuq il-komunikazzjoni u l-komunità, imma fil-fatt, l-interazzjonijiet fi ħdan il-komunità xjentifika huma komponenti essenzjali tal-proċess ta' Xjenza.” Iddiskuti din is-sentenza.*

#### **Or/Jew**

- 2) Science needs ethics, technology does not. Comment, making reference to relevant scientific principles and approaches and to relevant technological advances.

*Ix-xjenza teħtieġ l-etika, it-teknoloġija ma teħtieġhiex. Ikkummenta u aḡħmel referenza għall-prinċipji u metodi xjentifiċi ewlenin u għall-avvanzi teknoloġiċi rilevanti.*

**Section 4/Taqsim 4**

**Either/Jew**

- 1) As a result of recent legislation, cigarette smoking in Malta has been restricted so that it is only allowed in one's home and most open spaces. Some claimed that this was an invasion of the citizen's privacy and liberty. Discuss the conflict, if any, between state interference in one's life and enjoying as healthy a life as possible.

*Minhabba leġislazzjoni reċenti, it-tipjip f'Malta ġie kkontrollat u jista' jsir biss fid-dar ta' dak li jkun u f'bosta spazji miftuħa. Xi wħud qalu li din kienet invażjoni fuq il-privatezza u l-libertà taċ-ċittadin. Iddiskuti l-konflitt, jekk hemm, bejn l-indħil tal-istat fil-ħajja tal-individwu u t-tgawdija ta' ħajja f'saħħitha kemm jista' jkun.*

**Or/Jew**

- 2) You have been entrusted with drawing up a plan to protect and embellish the environment of your town/village. Present your plan and explain how each step is going to benefit your community.

*Ġejt inkarigat tfassal pjan biex tħares u ssebbaħ l-ambjent tal-belt jew raħal tiegħek. Ippreżenta l-pjan tiegħek u spjega kif b'kull stadju se tibbenefika l-komunità tiegħek.*