Index Number: _____ IM32.A.18m A

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IL-BORD TAL-MATRIKOLA U
TAĊ-ĊERTIFIKAT TAL-EDUKAZZJONI SEKONDARJA
MATRICULATION AND SECONDARY EDUCATION CERTIFICATE
EXAMINATIONS BOARD

LIVELL INTERMEDJU TAL-MATRIKOLA
INTERMEDIATE MATRICULATION LEVEL
L-EWWEL SESSJONI 2018/2018 FIRST SESSION

SUBJECT / SUĠĠETT:	**Systems Of Knowledge / L-Oqsma Tal-Għerf**
DATE / DATA:	30th April 2018 / 30 ta' April 2018
TIME / ĦIN:	9:00 a.m. to 12:05 p.m. / mid-9:00 a.m. sa 12:05 p.m.

You should have **FOUR** write-on scripts – **ONE** for each section. You may answer either in English or Maltese. Each question carries 25 marks.

*Għandu jkollok **ERBA'** skripts fejn tikteb għal dan l-eżami – **WIEĦED** għal kull taqsima. Tista' twieġeb kemm bl-Ingliż kif ukoll bil-Malti. Kull mistoqsija fiha 25 marka.*

SECTION A: Answer ONE question from this section.
TAQSIMA A: Wieġeb mistoqsija WAĦDA minn din it-taqsima.

A1 The three organs of the State in a democracy, that is, the Legislative, the Executive and the Judiciary are meant to check and balance one another. Discuss.

A1 It-tliet organi tal-Istat f'demokrazija, jiġifieri, il-Leġislattiv, l-Eżekuttiv, u l-Ġudikatura, iridu jiċċekkjaw u jibbilanċaw lil xulxin. Iddiskuti.

A2 The Universal Declaration of Human Rights is made up of 30 Articles. Identify **THREE** of these articles. For each of the identified articles, explain its relevance to Maltese society and to you in particular.
Give **THREE** examples of Human Rights that you are prepared to promote. Give reasons for your answer.

*A2 Id-Dikjarazzjoni Universali tad-Drittijiet Umani hija magħmula minn 30 Artiklu. Semmi **TLIETA** minn dawn l-artikli. Għal kull artiklu li semmejt, spjega r-relevanza tiegħu għas-soċjetà Maltija u għalik b'mod partikulari.*
*Agħti **TLIET** eżempji tad-Drittijiet Umani li int lest/a li tippromovi. Agħti xi raġunijiet għat-tweġiba tiegħek.*

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SECTION B: Answer ONE question from this section.
TAQSIMA B: Wieġeb mistoqsija WAĦDA minn din it-taqsima.

B1 "The art of the Renaissance aimed at showing the dignity and improvement of humanity through humanism; the art of the twentieth century aimed at showing the dehumanisation caused by the wars and tragedies of the period". Discuss this statement by supporting your argument with **ONE** example of an artwork from the Renaissance and **ONE** example of an artwork from the twentieth century.

*B1 "L-arti tar-Rinaxximent kellha l-għan li turi d-dinjità u t-titjib tal-umanità permezz tal-umaniżmu; l-arti tas-seklu għoxrin kellha l-għan li turi d-deumanizzazzjoni kkaġunata mill-gwerer u t-traġedji taż-żmien." Iddiskuti din id-dikjarazzjoni billi tissapportja l-argument tiegħek b'eżempju **WIEĦED** ta' xi xogħol tal-arti mir-Rinaxximent u eżempju **WIEĦED** mill-arti tas-seklu għoxrin.*

OR/*JEW*

B2 From prehistoric to modern art and architecture, religion and religious symbolism has been prominent in both western and non-western artistic traditions. Discuss and evaluate how artistic and architectural masterpieces have been created through a religious motivation to educate their communities in the values and beliefs of specific religions. Support your argument by using **TWO** examples of works of art to illustrate your claims.

*B2 Mill-arti u l-arkitettura preistoriċi u moderni, ir-reliġjon u s-simboliżmu reliġjuż kienu prominenti kemm fit-tradizzjonijiet artistiċi tal-Punent u kemm f'dawk li mhumiex tal-Punent. Iddiskuti u evalwa kif il-kapulavuri artistiċi u arkitettorali nħolqu permezz ta' motivazzjoni reliġjuża biex jedukaw lill-komunitajiet tagħhom fil-valuri u t-twemmin ta' reliġjonijiet speċifiċi. Issapportja l-argument tiegħek billi tinqeda b'**ŻEWĠ** eżempji ta' xogħlijiet tal-arti biex tillustra dak li tgħid.*

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SECTION C: Answer ONE question from this section.
TAQSIMA C: Wieġeb mistoqsija WAĦDA minn din it-taqsima.

C1 In the process of deduction, you begin with some statements, called 'premises', that are assumed to be true… In the process of induction, you begin with some data, and then … Distinguish between deductive and inductive reasoning in science, and illustrate this by **ONE** example in each case.

C1 Fil-proċess tad-deduzzjoni, tibda bi stqarrijiet, imsejħa 'premessi', li huma maħsuba li huma veru... Fil-proċess tal-induzzjoni, tibda b'xi dejta, u mbagħad...
*Iddistingwi bejn ir-raġunar deduttiv u induttiv fix-xjenza, u illustra dak li tgħid b'eżempju **WIEĦED** għal kull każ.*

OR/*JEW*

C2 "Scientific objectivity is a characteristic of scientific claims, methods and results. It expresses the idea that the claims, methods and results of science are not, or should not be influenced by particular perspectives, value commitments, community bias or personal interests, to name a few relevant factors. Objectivity is often considered as an ideal for scientific inquiry, as a good reason for valuing scientific knowledge, and as the basis of the authority of science in society."

(Scientific Objectivity, in Stanford Encyclopaedia of Philosophy, 2014
https://plato.stanford.edu/entries/scientific-objectivity/)

Explain and discuss.

C2 "L-oġġettività xjentifika hija karatteristika tal-klejms, metodi, u riżultati xjentifiċi. Tesprimi l-idea li l-klejms, metodi, u riżultati tax-xjenza mhumiex, jew m'għandhomx ikunu influwenzati minn xi interessi personali, preġudizzji tal-komunità, impenji ta' valuri, jew perspettivi partikulari, biex insemmu ftit mill-fatturi relevanti. L-oġġettività spiss tkun ikkonsidrata bħala ideal għal xi inkjesta xjentifika, bħala raġuni tajba biex tqis l-għerf xjentifiku importanti, u bħala bażi tal-awtorità tax-xjenza fis-soċjetà."

(Scientific Objectivity, in Stanford Encyclopaedia of Philosophy, 2014
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Spjega u ddiskuti.

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SECTION D: Answer ONE question from this section.
TAQSIMA D: Wieġeb mistoqsija WAĦDA minn din it-taqsima.

D1 The Brundtland Commission defines sustainability as "meeting the needs of the present without compromising the ability of future generations to meet their needs."

Source: (United Nations General Assembly, 1987, p. 43)

With reference to **FIVE** of the nine principles of sustainable living, examine how a measure of sustainability can be achieved for a specific environment-related issue of your choice.

D1 Il-Kummissjoni Brundtland tiddefinixxi s-sostenibilità bħala "dik li tilħaq il-bżonnijiet tal-preżent mingħajr ma tikkomprometti l-abilità ta' ġenerazzjonijiet futuri biex jilħqu l-bżonnijiet tagħhom."

Sors: (United Nations General Assembly, 1987, p. 43)

*B'referenza għal **ĦAMSA** mid-disa' prinċipji ta' għajxien sostenibbli, eżamina kif ftit sostenibilità tista' tintlaħaq għal xi issue speċifiku relatat mal-ambjent li tagħżel int.*

OR/*JEW*

D2 Briefly explain the principal factors responsible for global climate change. Give detailed examples to indicate how climate change may impact the Maltese archipelago in each of the following: biodiversity, human settlement and economic activity.

D2 Spjega fil-qosor il-fatturi prinċipali responsabbli għall-bidla fil-klima globali. Agħti xi eżempji ddettaljati biex turi kif il-bidla fil-klima tista' taffettwa l-arċipelagu Malti f'kull waħda minn dawn: il-bijodiversità, is-settlement uman, u l-attività ekonomika.

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