Index Number: ______________ IM32.A.20m

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

L-Università ta' Malta

LIVELL INTERMEDJU TAL-MATRIKOLA
INTERMEDIATE MATRICULATION LEVEL
L-EWWEL SESSJONI 2020/2020 FIRST SESSION

SUBJECT / SUĠĠETT:	**Systems Of Knowledge / L-Oqsma Tal-Għerf**
DATE / DATA:	1st September 2020/l-1 ta' Settembru 2020
TIME / ĦIN:	4:00 p.m. to 7:05 p.m. / mill-4:00 p.m. sas-7:05 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 Globalisation, that is, the steady rise in trans-border flows of goods, services, capital, symbols and cultural products that we have seen over the past three decades or so, has gone hand in hand with an equally steady expansion of democratic ideas around the world.

(Adapted from https://www.opendemocracy.net/en/globalization-and-democracy/)

Do you agree with this statement? How has globalisation affected democratic systems around the world? How have electorates reacted to globalisation over recent years? Give **TWO** examples of these reactions to support your argument.

A1 Il-globalizzazzjoni, jiġifieri, iż-żieda kostanti ta' moviment minn pajjiż għal ieħor ta' oġġetti, servizzi, kapital, simboli u prodotti kulturali, li rajna matul l-aħħar tliet deċenji jew aktar, marret ugwalment id f'id mal-espansjoni kostanti ta' ideat demokratiċi madwar id-dinja.

(Adattat minn https://www.opendemocracy.net/en/globalization-and-democracy/)

*Taqbel ma' din l-istqarrija? Il-globalizzazzjoni kif affettwat is-sistemi demokratiċi madwar id-dinja? Kif irreaġixxa l-elettorat għall-globalizzazzjoni matul dawn l-aħħar snin? Agħti **ŻEWĠ** eżempji ta' dawn ir-rejazzjonijiet biex issostni l-argument tiegħek.*

OR/JEW

A2 The Facebook-Cambridge Analytica scandal illustrates how easily online political propaganda and the exploitation of users' data can manipulate the electorate into voting for a particular political party or candidate.

What is the relationship between online political propaganda and the democratic process? How can social media affect the electoral process? Should the use of online platforms by political agents be regulated? Give **TWO** examples of possible regulation to support your argument.

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A2 L-iskandlu ta' Facebook-Cambridge Analytica juri kif il-propoganda politika onlajn u l-isfruttar tad-data tal-utenti jistgħu faċilment jimmanipulaw l-elettorat sabiex jivvota għal partit jew kandidat politiku partikolari.

*X'inhi r-relazzjoni bejn il-propoganda politika onlajn u l-proċess demokratiku? Il-midja soċjali kif tista' taffettwa l-proċess elettorali? Għandu jkun irregolat l-użu ta' pjattaformi onlajn minn aġenti politiċi? Agħti **ŻEWĠ** eżempji ta' dan it-tip ta' regolazzjoni biex issostni l-argument tiegħek.*

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

Leonardo da Vinci, Mona Lisa, c. 1503-1506, The Louvre Museum

Andy Warhol, Untitled from Marilyn Monroe, 1967, MoMA.

B1 Identify and describe the artistic context of these works of art. What are the aesthetic values and concepts informing these paintings? Compare the stylistic elements of these two works, showing the development of western art. Give **TWO** other examples of works of art to support your exposition.

*B1 Identifika u ddeskrivi l-kuntest artistiku ta' dawn ix-xogħlijiet. X'inhuma l-valuri estetiċi u l-kunċetti li juru dawn il-pitturi? Qabbel l-elementi stilistiċi ta' dawn iż-żewġ xogħlijiet, li juru l-iżvilupp tal-arti fil-Punent. Agħti **ŻEWĠ** eżempji oħra ta' xogħlijiet artistiċi sabiex issostni l-espożizzjoni tiegħek.*

OR/*JEW*

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B2 'Art, in other words, was made to bear the burden of being an emblem of the totality of a people's culture: its fundamental expression.' *(Adapted from Preziosi, Donald, 'the Art of Art History,')*

Discuss the meaning of 'culture'. In what way do artistic productions reflect changes in the religious, moral, political and scientific paradigms of their times? Address the **FOUR** cultural aspects mentioned in the question, and for each provide an example of artwork to support your explanation.

B2 'L-arti, fi kliem ieħor, kellha ġġorr il-piż li tkun emblema tat-totalità tal-kultura tan-nies: l-espressjoni fundamentali tagħha.' *(Adattat minn Preziosi, Donald, 'the Art of Art History,')*

*Iddiskuti t-tifsira ta' 'kultura'. B'liema mod ix-xogħlijiet artistiċi jirriflettu bidliet fil-paradigmi reliġjużi, morali, politiċi u xjentifiċi ta' żminijiethom? Indirizza l-**ERBA'** aspetti kulturali msemmija fil-mistoqsija, u għal kull aspett ipprovdi eżempju ta' xogħol artistiku biex issostni l-ispjegazzjoni tiegħek.*

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

C1 The European Environment Agency (EEA) is concerned that the world is witnessing a steady loss of biodiversity. According to the EEA and the broader scientific community, this loss has serious consequences for the natural world and for human well-being.

(adapted from, https://www.eea.europa.eu/themes/biodiversity/intro)

Explain what is meant by biodiversity. Elaborate on the role biodiversity plays in the sustainability of the environment. Discuss **THREE** main causes for the loss of biodiversity and illustrate your discussion with real-life examples. Describe **ONE** initiative that Malta has taken to protect biodiversity and outline what more can be done on a national level to make this issue a priority.

C1 L-Aġenzija Ewropea għall-Ambjent (EEA) hija mħassba li d-dinja qed tassisti għat-telf kostanti tal-bijodiversità. Skont l-EEA u l-komunità xjentifika, dan it-telf għandu konsegwenzi serji għad-dinja naturali u għall-benesseru tal-bniedem.

(adattat minn, https://www.eea.europa.eu/themes/biodiversity/intro)

*Spjega xi tfisser il-bijodiversità. Elabora fuq l-irwol li għandha l-bijodiversità fis-sostenibiltà tal-ambjent. Iddiskuti **TLIET** kawżi ewlenin għat-telf tal-bijodiversità u elabora d-diskussjoni tiegħek b'eżempji mill-ħajja reali. Iddeskrivi inizjattiva **WAĦDA** li Malta ħadet sabiex tipproteġi l-bijodiversità u għid x'jista' jsir aktar fuq livell nazzjonali sabiex din il-kwistjoni ssir prijorità.*

OR/*JEW*

C2 Tourism plays an important role in the achievement of the Sustainable Development Goals (SDGs). In this respect, tourism stakeholders must be empowered to incorporate sustainability measures and policies in their daily work and objectives.

(Adapted from https://www.unwto.org/major-new-study-to-assess-tourisms-growing-commitment-to-sustainable-development)

How does tourism play a role in the achievement of the SDGs? Explain what is implied with the above claim that 'tourism stakeholders must be empowered to incorporate sustainability measures and policies in their daily work and objectives'. Conclude with a discussion on how encouraging sustainable tourism practices in Malta is beneficial for the country's socio-economic development.

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C2 *It-turiżmu għandu rwol importanti fil-kisba tal-Għanijiet tal-Żvilupp Sostenibbli (SDGs). F'dan ir-rigward, il-partijiet interessati fit-turiżmu għandhom jingħataw is-saħħa sabiex jinkorporaw miżuri u politiki ta' sostenibbilità fil-ħidma u l-għanijiet tagħhom ta' kuljum.*

(Adattat minn https://www.unwto.org/major-new-study-to-assess-tourism-growing-commitment-to-sustainable-development)

Xi rwol għandu it-turiżmu fil-kisba tal-SDGs? Spjega x'inhu implikat bil-frażi t'hawn fuq li 'l-partijiet interessati fit-turiżmu għandhom jingħataw is-saħħa sabiex jinkorporaw miżuri u politiki ta' sostenibbilità fil-ħidma u l-għanijiet tagħhom ta' kuljum'. Ikkonkludi b'diskussjoni dwar kif l-inkoraġġiment ta' prattiki sostenibbli fit-turiżmu f'Malta huwa ta' benefiċċju għall-iżvilupp soċjoekonomiku tal-pajjiż.

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

D1 What are inductive and deductive reasoning in scientific research? Is one method better than the other? To support your argument, give **ONE** example for each method.

*D1 X'inhuwa r-raġunament induttiv u deduttiv fir-riċerka xjentifika? Hemm xi metodu aħjar mill-ieħor? Agħti eżempju **WIEĦED** għal kull metodu sabiex issostni l-argument tiegħek.*

OR/JEW

D2 Genetic Engineering is a relatively new branch in biological studies, exploring ways how to manipulate and modify the genetic makeup of an individual. Explain **ONE** bio-medical application of this branch of knowledge. Additionally, explore **TWO** ethical implications of this research.

*D2 L-Inġinerija Ġenetika hija fergħa relattivament ġdida fl-istudji bijoloġiċi, li tesplora metodi kif timmanipula u timmodifika l-għamla ġenetika tal-individwu. Spjega applikazzjoni bijomedika **WAĦDA** ta' dan il-qasam tal-gherf. Barra minn hekk, esplora **ŻEWĠ** implikazzjonijiet etiċi ta' din ir-riċerka.*

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