Index Number: _______________ IM32.A.24m **A**

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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 2024/2024 FIRST SESSION

SUBJECT / SUĠĠETT:	**Systems Of Knowledge / L-Oqsma Tal-Għerf**
DATE / DATA:	25th April 2024 / 25 ta' April 2024
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 jew bl-Ingliż jew 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 How does a lack of tolerance and respect contribute to the escalation of conflicts and even lead to war? Support your response with **TWO** real-life examples to demonstrate the consequences of insufficient tolerance and respect in fostering peaceful coexistence.

A1 In-nuqqas ta' tolleranza u rispett kif jikkontribwixxu għall-eskalazzjoni tal-kunflitti u saħansitra anke gwerrer? Saħħaħ it-tweġiba tiegħek b'**ŻEWĠ** eżempji attwali sabiex turi l-konsegwenzi ta' nuqqas ta' tolleranza u rispett fit-trawwim tal-koeżistenza paċifika.

OR/ JEW

A2 Discuss the impact of globalisation on culture, society, and economy today. Consider **both** positive and negative aspects. Support your analysis by presenting a specific example for **each** of the following areas: culture, society, and economy.

A2 Iddiskuti l-impatt tal-globalizzazzjoni fuq il-kultura, is-soċjetà, u l-ekonomija llum. Fit-tweġiba tiegħek semmi **kemm** aspetti pożittivi **kif ukoll** negattivi. Saħħaħ l-analiżi tiegħek billi ssemmi eżempju speċifiku għal **kull** wieħed mill-oqsma li ġejjin: il-kultura, is-soċjetà, u l-ekonomija.

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

B1 "Modern Art, no less than old art, came into existence in response to certain definite problems." (E.H. Gombrich)

Choose **TWO** works of art from **TWO** different artistic periods and discuss their relation to the specific events **or** the significant issues that dominated the period they were produced in.

B1 "L-Arti Moderna, mhux inqas minn dik antika, ġiet fis-seħħ bħala tweġiba għal ċerti problemi definiti." (E.H. Gombrich)

Agħżel **ŻEWĠ** xogħlijiet artistiċi minn **ŻEWĠ** perjodi differenti u ddiskuti r-relazzjoni tagħhom ma' avvenimenti speċifiċi **jew** ma' kwistjonijiet sinifikanti li ddominaw il-perjodu li fih ġew maħluqa.

OR/ JEW

B2 Does an artist have a social responsibility when creating a work of art? Choose **TWO** artistic periods with **ONE** example cited for **each** and discuss how the moralising qualities of an artwork were **either** acknowledged **or** ignored.

B2 Artist għandu responsabbiltà soċjali meta joħloq xogħol artistiku? Agħżel **ŻEWĠ** perjodi artistiċi u agħti eżempju **WIEĦED** għal **kull** perjodu u ddiskuti kif il-kwalitajiet moralizzanti ta' xogħol artistiku ġew rikonoxxuti **jew** injorati.

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

C1 "Waste generation and management is a considerable national challenge."
(National Strategy for the Environment 2050: A Draft for Public Consultation)

Discuss this statement within the Maltese context. Mention and explain **TWO** overarching national strategies that can positively address the waste problem. The discussion should include socio-economic realities that could resist change.

C1 "Il-ġenerazzjoni u l-immaniġjar tal-iskart hija sfida nazzjonali konsiderevoli."
(Strateġija Nazzjonali għall-Ambjent 2050: Abbozz għall-Konsultazzjoni Pubblika)

Iddiskuti din l-istqarrija fil-kuntest Malti. Semmi u spjega **ŻEWĠ** strateġiji nazzjonali li jistgħu jindirizzaw b'mod pożittiv il-problema tal-iskart. It-tweġiba għandha tinkludi realtajiet soċjoekonomiċi li jistgħu jirreżistu l-bidla.

OR/ JEW

C2 The high population density of the Maltese Islands, amplified by the influx of tourists, poses many challenges on the local natural and urban environment.

Discuss **TWO** environmental issues associated with densely populated places in Malta and what can be, or is being, done to address them. Discuss why urbanisation must be planned and sustainable.

C2 Id-densità għolja tal-popolazzjoni tal-Gżejjer Maltin, amplifikata mill-influss ta' turisti, toħloq ħafna sfidi fuq l-ambjent naturali u urban lokali.

Iddiskuti **ŻEWĠ** kwistjonijiet ambjentali marbuta ma' lokalitajiet b'popolazzjoni densa f'Malta. Għid x'jista' jsir, jew qed isir, biex dawn il-kwistjonijiet jiġu indirizzati. Iddiskuti għaliex l-urbanizzazzjoni għandha tkun ippjanata u sostenibbli.

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

D1 Gene technology is a form of biotechnology that has emerged as a potential solution to global challenges across various fields including agriculture, healthcare, industry, and environmental sustainability.

Choose **TWO** fields from the list provided above and discuss the social and economic impacts of gene technology in **each** chosen field. Provide **ONE** example from **each** chosen field to support your argument.

D1 It-teknoloġija tal-ġenetika hija forma ta' bijoteknoloġija li ħarġet bħala soluzzjoni potenzjali għal sfidi globali f'diversi oqsma li jinkludu l-agrikoltura, il-kura tas-saħħa, l-industrija u s-sostenibbiltà ambjentali.

Agħżel **ŻEWĠ** oqsma mil-lista t'hawn fuq u ddiskuti l-impatti soċjali u ekonomiċi tat-teknoloġija tal-ġenetika **f'kull** qasam li għażilt. Semmi eżempju **WIEĦED** minn **kull** qasam li għażilt sabiex issaħħaħ l-argument tiegħek.

OR/ JEW

D2 In the dynamic landscape of scientific inquiry, scientific values play a crucial role in shaping research and guiding the operations of the scientific community.

Identify and discuss **THREE** fundamental values essential to scientific practice. Explain how these values influence research and permeate the fabric of the scientific method. Provide **ONE** concrete example for **each** value to illustrate its impact within the scientific community.

D2 Fil-qasam dinamiku tal-inkjesta xjentifika, il-valuri xjentifiċi għandhom rwol kruċjali fit-tiswir tar-riċerka u biex jiggwidaw l-operazzjonijiet tal-komunità xjentifika.

Semmi u ddiskuti **TLIET** valuri fundamentali essenzjali għal prattika xjentifika. Spjega kif dawn il-valuri jinfluwenzaw ir-riċerka u jintiseġ fit-tessut tal-metodu xjentifiku. Agħti eżempju **WIEĦED** għal **kull** valur biex turi l-impatt tiegħu fi ħdan il-komunità xjentifika.

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