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**FINAL EXAMINATION / PEPERIKSAAN AKHIR  
SEMESTER II – SESSION 2020 / 2021  
PROGRAM KERJASAMA**

COURSE CODE : UHIT 1022 / UICD 1032  
KOD KURSUS

COURSE NAME : SCIENCE, TECHNOLOGY AND MANKIND  
NAMA KURSUS : SAINS, TEKNOLOGI DAN MANUSIA

YEAR / PROGRAMME : 1 / KURSUS UMUM / GENERAL COURSE  
TAHUN / PROGRAM

DURATION : 2 HOURS 30 MINUTES (INCLUDING SUBMISSION HOUR)  
TEMPOH : 2 JAM 30 MINIT (TERMASUK MASA PENGHANTARAN)

DATE : APRIL/MEI 2021  
TARIKH

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**INSTRUCTION / ARAHAN:**

1. The question paper consists of **2 PARTS**: A and B.  
*Kertas soalan terdiri daripada 2 BAHAGIAN: A dan B.*
2. Answer **five** questions form Part A and **one** question from Part B, and write your answers on the answer sheet.  
*Jawab LIMA soalan dari Bahagian A dan SATU soalan dari Bahagian B, dan tulis jawapan anda pada kertas jawapan.*
3. Write your name, matric no., identity card no., course code, course name, section no. and lecturer's name on the first page (in the upper left corner) and every page thereafter on the answer sheet.  
*Tulis nama anda, no. matrik, no. kad pengenalan, kod kursus, nama kursus, no. seksyen dan nama pensyarah pada muka surat pertama (penjuru kiri atas) kertas jawapan dan pada setiap muka surat jawapan.*
4. Each answer sheet must have a page number written at the bottom right corner.  
*Setiap helai kertas jawapan mesti ditulis nombor muka surat pada bahagian bawah penjuru kanan.*
5. Answers should be handwritten, neat and clear.  
*Jawapan hendaklah ditulis tangan, kemas dan jelas menggunakan huruf cerai.*

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**WARNING / AMARAN**

Students caught copying / cheating during the examination will be liable for disciplinary actions and the faculty may recommend the student to be expelled from sitting for exam.  
*Pelajar yang ditangkap meniru / menipu semasa peperiksaan akan dikenakan tindakan disiplin dan pihak fakulti boleh mengesyorkan pelajar diusir dari menduduki peperiksaan.*

**BAHAGIAN A (JAWAB LIMA SOALAN SAHAJA) / SECTION A (ANSWER FIVE QUESTIONS ONLY)**

**Soalan 1 / Question 1**

Bincangkan sumber ilmu dari perspektif ilmuan Muslim. / *Discuss the source of knowledge from the perspective of Muslim scholars.*

[4 markah / marks]

**Soalan 2 / Question 2**

Terangkan **dua [2]** peringkat pertama perkembangan falsafah ilmu. / *Explain the first two [2] stages of the development of the philosophy of science.*

[4 markah / marks]

**Soalan 3 / Question 3**

Jelaskan sumbangan **empat [4]** sarjana Eropah dalam usaha menterjemahkan karya-karya ilmuan Muslim di Andalus. / *Explain the contributions of four [4] European scholars in the effort to translate the works of Muslim scholars in Andalus.*

[4 markah / marks]

**Soalan 4 / Question 4**

Bincangkan **empat [4]** impak pengaliran ilmu dari dunia Islam ke dunia Eropah. / *Describe four [4] impacts of the flow of knowledge from the Islamic world to the European world.*

[4 markah / marks]

**Soalan 5 / Question 5**

Jelaskan **dua [2]** sumbangan metode observasi dan deskripsi para ilmuan Muslim kepada dunia perubatan moden. / *Explain the two [2] contributions of observational methods and descriptions of Muslim scholars to the world of modern medicine.*

[4 markah / marks]

**Soalan 6 / Question 6**

Sejauh mana ciri-ciri metodologi sains Islam diaplikasikan oleh ilmuan Muslim dalam amalan penyelidikan sains moden? Terangkan! / *To what extent are the methodological features of Islamic science applied by Muslim scholars in the practice of modern scientific research? Explain it!*

[4 markah / marks]

**Soalan 7 / Question 7**

Terangkan konsep Istislah dan Dhiya' dalam konteks penggunaan teknologi moden hari ini. / *Explain the concepts of Istislah and Dhiya' in the context of the use of modern technology today.*

[4 markah / marks]

**Soalan 8 / Question 8**

Jelaskan **empat [4]** sumbangan teknologi moden kepada kehidupan beragama umat Islam hari ini. / *Explain four [4] contributions of modern technology to the religious life of Muslims today.*

[4 markah / marks]

**BAHAGIAN B (JAWAB SATU SOALAN SAHAJA) / SECTION B (ANSWER ONE QUESTION ONLY)**

**Soalan 9 / Question 9**

Asas ilmu ialah tahu dan kebenaran. Huraikan definisi ilmu dari sudut pandang seorang epistemologis. / *The basis of knowledge is knowledge and truth. Describe the definition of knowledge from the point of view of an epistemologist.*

[10 markah/marks]

**Soalan 10 / Question 10**

Bagaimana mewarnakan teknologi dengan wajah Islam? Kemukakan hujah anda. / *How to color technology with the face of Islam? Present your argument.*

[10 markah/marks]

**KERTAS SOALAN TAMAT/ END OF QUESTION PAPER**