

Program: B.Sc.C.E. 2nd Semester
Semester: Summer

Date: May 22, 2024 (Wednesday)
Time: 10:00 am – 01:00 pm

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ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION (TVE)

Exam: Semester Final Examination

Academic Year: 2022– 2023

Course Number: Hum 4257

Full Marks: 150

Course Title: Islamic History, Science and Culture

Duration: 3 Hours

There are 8 (eight) questions. Answer any 6 (six) questions. The symbols have their usual meaning.

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|---|---|----|-----|-------|
| 1 | a) Discuss Scientific indications in the Holy Quran about Physics and Chemistry | 15 | | PO 09 |
| | b) What are the Quranic indications on Meteorology. | 10 | CO3 | PO 10 |
| 2 | a) Describe Scientific indications in the Holy Quran about Medical Embryology | 10 | | PO09 |
| | b) Discuss Scientific indications in the Holy Quran about the Agronomy. | 15 | CO3 | PO 10 |
| 3 | a) Explain Scientific indications in the Holy Quran on Geology. | 15 | CO4 | PO 10 |
| | b) Describe the Muslim contribution on Chemistry. | 10 | | |
| 4 | a) State the story of Mohammad Bin Musa Al- Khawarizmi. | 10 | | PO 09 |
| | b) Who is the Father of Islamic Alchemy? Write his contributions to the modern world. | 10 | CO2 | |
| | c) Illustrate Muslim contributions to Engineering. | 05 | | PO 10 |
| 5 | a) Outline five of the important Muslim Scholars' contributions on Medicine. | 15 | CO2 | PO09 |
| | b) Explain the impact of Islamic Civilization on Western Civilization. | 10 | | PO 10 |
| 6 | a) Discuss Muslim contributions on Mathematics. | 15 | | PO 09 |
| | b) Explain Abu Bakr Muhammad Ibn Zakariya ar Razi's contributions to modern world. | 10 | CO3 | PO 10 |
| 7 | a) Describe the role of languages in early Islamic Period. | 10 | | PO 09 |
| | b) What is Bayt Al-Hikma? Describe the role of Abbasids on the origin of Sciences and the development of various disciplines. | 15 | CO3 | PO 10 |
| 8 | a) Describe Engineering ethics in the light of Islam. | 10 | | |
| | b) Explain the statement "we will be rewarded or punished in the Day of Judgment regarding our good deeds or bad deeds". | 15 | CO4 | PO 10 |