

Program: B.Sc. CE 4<sup>th</sup> Semester  
Semester: Summer

Date: 16 February 2023 (Thursday)  
Time: 02:00 pm – 03:30 pm

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

**Exam:** Mid Semester Examination  
**Course Number:** Hum 4459  
**Course Title:** Science, Technology and Islam

**Academic Year:** 2021 - 2022  
**Full Marks:** 50  
**Duration:** 90 minutes

There are 4 (four) questions. Answer 3 (three) questions. Question 1(one) is compulsory.

1. a) How scientists work and what is their method to organize a research? Explain the steps involved in the process. 07 CO2 PO  
b) What were the main scientific tools used in the rudimentary phases of scientific development in early civilizations? 07  
c) Make an outline for history of early science in Greek civilization. 06
2. a) A wide range of primary beliefs people have due to his faith in supernatural existence. Explain the theism you believe in with describing other theistic beliefs. 07 CO1 PO  
b) Islamic theology is very much important to understand the basic nature of Islam. 08  
Order the branches of Islamic theology according to your own opinion.
3. a) Draw a short portrayal for origin of Hinduism which has the significant importance in history among major religions in modern world. 07 CO1 PO  
b) As Hinduism has a variety of sacred texts, analyze categories of Hindu texts and sketch their summary. 08
4. a) What were some of the significant contributions made by Muslim scientists in various fields of science during the Golden Age of Islam? 07 CO2 PO  
b) What are the main branches of science and give a brief explanation of each one? 08