

Program: B.Sc. EEE 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 4421  
Course Title: Science Technology and Islam

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

There are 4 (four) questions. Answer any 3 (three) questions of the following. Question no. 4 is compulsory. The symbols have their usual meaning.

1. a) Discuss the importance of acquiring knowledge of Science and Technology in Islam. 06
- b) Describe the view of the Quran about the expansion of the Universe with the scientific opinion. 06 CO1, CO2 PO9/ PO10
- c) What do you know about Static Model of the Universe? Do you agree with the ideology? 05
2. a) Discuss the balanced regulation of the universe and mention the verses of the Quran in this regard. 06 CO1,
- b) Describe the creation and formation of the earth. 06 CO2 PO10
- c) Illustrate the concept of "Atmospheric Pressure" and mention the verses of the Quran about this indication. 05
3. a) Discuss about the dark matter and dark energy with the references from the Holy Quran. 06 CO1,
- b) "Everything created in pairs"-Explain the statement with reference from the Holy Quran and scientific opinion. 06 CO2 PO6/ PO7
- c) What do you understand by gravity? 05 CO5
4. a) "Allah created every living creature from water"-explain the statement of the Holy Quran with scientific view. 06 CO1,
- b) Describe about the embryo development in the light of the Holy Quran. 06 CO2, PO6/ PO7
- c) "Allah made the mountains as Pegs"-explain the statement with scientific view. 04 CO5