

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)

DEPARTMENT OF BUSINESS AND TECHNOLOGY MANAGEMENT

Mid-Semester Examination

Course No. : HUM 4763

Course Title : Science Technology and Islam

Winter Semester, A. Y. 2022-2023

Time : 1.5 hours

Full Marks : 75

Answer all 3 (three) questions. All questions carry equal marks. Marks of each question and corresponding CO and PO are written in the right margin with brackets.

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| 1. a) | The entire universe was once condensed in an infinitesimally small singularity, a point of infinite denseness and heat. An explosive faster than the speed of light in a fraction of a second expanded and a flattened universe/s was formed. This is cosmetically known as Big Bang theory. Discuss the scientific indication in The Qur'an on the Creation of skies and earth and all that in between by Allah SWT. | 10 | (CO1)
(PO9,
PO10) |
| b) | Explain The Qur'anic indications on force of expansion. | 10 | (CO1)
(PO9,
PO10) |
| c) | Describe The Qur'anic indications on closed universe. | 05 | (CO1)
(PO9,
PO10) |
| 2. a) | The Qur'an vividly states that all creations like Galaxies, Stars, Planets, and the Sun and Moon performing their duties for universal balance and prostrating to the Creator. Use some references and explain the above statement. | 10 | (CO2)
(PO10) |
| b) | Write The Qur'anic indications on the Seven Heavens (skies) and the separation of the Heavens and The Earth. | 10 | (CO2)
(PO10) |
| c) | State the Quranic evidence on the creation of all living things from water and their duality. | 05 | (CO2)
(PO10) |
| 3. a) | Discuss scientific indications in the Holy Qur'an about cells of human body and Deoxyribonucleic Acid (DNA). | 10 | (CO1)
(PO9,
PO10) |
| b) | Write the Qur'anic evidence on creation of human being. Explain the Quranic verse "He creates you in the wombs of your mothers in stages, one after another in three veils of darkness." (The Qur'an Az-Zumar 39:6). | 10 | (CO1)
(PO9,
PO10) |
| c) | Explain the development of human embryo with reference to the Qur'an and Ahadeeth. | 05 | (CO1)
(PO9,
PO10) |