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Program: B.Sc. CSE 2<sup>nd</sup> Semester.  
Semester: Summer

Date: 12 May, 2023 (Friday)  
Time: 10:00 am – 01:00 pm

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

**Exam:** Semester Final Examination  
**Course Number:** Hum 4241  
**Course Title:** Islamic History, Science and Culture

**Academic Year:** 2021 - 2022  
**Full Marks:** 100  
**Duration:** 3 Hours

There are 8 (Eight) questions. Answer 6 (six) questions. Question 1 (One) and 2 (Two) are compulsory. The symbols have their usual meaning.

1. a) Explain the Evolution of Islamic Historiography mentioning the popular Classic Muslim Historians- Ibn Hisham, Ibn Qutaiba and Tabari. 10 CO1 PO9/PO10  
b) Who was 'Muqaddima ibn Khaldun'? Why are Ibn Khaldun's Contributions, as a Historian, praiseworthy? 10 CO3 PO6/PO7
2. a) Illustrate the Contribution of 'Baitul Hikmah' in Spreading Islamic History, Science and Culture. 10 CO2 PO10  
b) Identify the three Miracles of the Holy Quran according to Dr. Muhammad Abdullah Draz's book "Al Bina al-Azim". 10 CO4 PO8/PO12
3. a) We will show them our signs in horizons and within themselves until it becomes clear to them that is the truth" (41:53), Identify the 'signs in horizons and within themselves'? 05 CO2 PO10  
b) Mention two Scientific Miracles in the Holy Quran. 05 CO1 PO9/PO10  
c) What is the comprehensive and immortal Miracle of Prophet Muhammad (P.B.U.H) as all the messengers are sent with miracles? Identify the salient features of Muhammad's (P.B.U.H) miracle. 05 CO4 PO8/PO12
4. a) 'Jabir Ibn Haiyan is the father of modern chemistry', explain. 05 CO1 PO9/PO10  
b) Evaluate Ibn Sina's 'Canon of Medicine' as a Medical Bible. 05 CO3 PO6/PO7  
c) Recognize the Muhammad Ibn Musa al-Khwarizmi as the father of algebra. 05 CO2 PO10
5. a) Why Al-Biruni is considered as one of the greatest scientist of Muslim civilization. 05 CO3 PO6/PO7  
b) Describe five Muslim inventions that changed the modern world. 05 CO1 PO9/PO10  
c) Illustrate the Significance of Science and Culture in Islam. 05 CO3 PO6/PO7
6. a) Describe three Influential Muslim Scientists with their major Inventions. 05 CO1 PO9/PO10  
b) Mention Five Muslim Scientists Described as Father or Founder of a Field. 05 CO1 PO9/PO10  
c) What are the types of Beliefs in God? 05 CO2 PO10
7. a) What are the Branches of Islamic knowledge in your Eye? 05 CO1 PO9/PO10  
b) Describe Major religions with basic concepts and their tenets. 05 CO1 PO9/PO10  
c) Illustrate a Comparative discussion among Islam, Christianity, Judaism, Hinduism and Buddhism with major features. 05 CO4 PO8/PO12
8. Write short notes on the following:  
i. Victory over Mecca. 05 CO1 PO9/PO10  
ii. The Farewell Pilgrimage -The last Sermon of Prophet P.B.U.H. 05 CO4 PO8/PO12  
iii. Bimaristan. 05 CO2 PO10