M.Sc. TE 1st Semester   9 October 2023 (Afternoon)

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
Department of Computer Science and Engineering (CSE)
MID SEMESTER EXAMINATION   WINTER SEMESTER, 2022-2023
DURATION: 1 Hour 30 Minutes   FULL MARKS: 75

CSE 6191: Web based Instructions and E-Learning

Programmable calculators are not allowed. Do not write anything on the question paper.
There are 3 (**three**) questions. Answer all of them. Figures in the right margin indicate marks.

1. a) *"Everyone has their own "style" for collecting and organizing information into useful*   10
       knowledge, and the online environment can be particularly well suited to some learning
       styles and personality needs." – Explain this statement.
   b) What are the ten instructional strategies that have been effectively used in the traditional   10
       classroom and can likewise be used in the online learning environment?
   c) Explain any three of instructional strategies answered in question 1. b).   5

2. a) Ice breakers are activities or modes of discussion used to help individuals ease into a group 10
       setting. Discuss various ice breakers which can be adopted in web based instructions.
   b) What do you know about OCTR model of learning stages proposed by Chan, Lin, Lin and   10
       Kuo.
   c) *"Self-motivation for students plays a key role to success in e-learning environment." –*   5
       Explain this statement.

3. a) What is asynchronous conferencing? Discuss on response models for asynchronous   10
       conferencing.
   b) What are the key elements of an online program? Explain any two of those.   10
   c) Can web based learning effectively replaces traditional classroom learning? – Justify your   5
       answer.