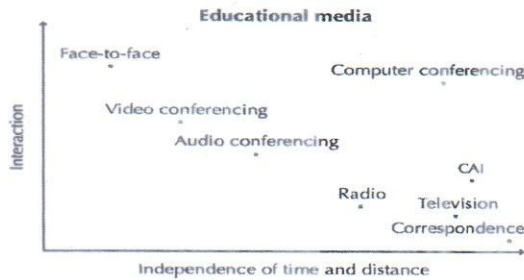# ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION

Mid Semester Examination
Course Number: TVE 6233
Course Title: Online Teaching and learning

Summer Semester: 2021 - 2022
Full Marks: 75
Time : 90 minutes

There are 4 (Four) questions. Answer 3 (three) questions. Question 1 is mandatory. You can choose any two from 2, 3, 4. The symbols have their usual meanings.

1.	(a). Elaborate the following teaching contexts (teaching mode) considering engineering education with examples • Blended teaching, • Online teaching, and • Face-to-face (conventional) teaching.	(15) (CO1) (PO3)
	(b). Discuss five key benefits of teaching online in Technical Education (TE).	(10)
2	Prepare a comparison among three learning theories in relation to online/blended teaching based on the following headings: • Basic concept of each theory, • Implications of each theory, • Criticism of each theory.	(25) (CO2) (PO2)
3.	(a). Draw a model of online learning showing different levels of interactions. Elaborate your model in your own words (language) after analyzing its each component.	18
	(b). Clarify the meaning of the following diagram with your own justification.	07 (CO2) (PO2)

Source: textbook

4	(a). How do you incorporate Connectivism Theory in your online class? Provide evidences with examples to support your answer.	15
	(b). What do you understand by the Semantic Web in online teaching and learning (write your answer with examples).	10 (CO2) (PO2)