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

DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION (TVE)

Mid Semester Examination

Summer Semester: 2022 - 2023

Course Number: TVE 4125

Full Marks: 75

Course Title: Methods & Techniques of Teaching

Time: 90 minutes

There are 4 (four) questions. Answer 3 (three) questions. The symbols have their usual meaning.
Compulsory Questions 1 & 4

1. a) What is teaching meant to you? Describe your meaning with two examples related to students' learning approaches in Technical Education (TE). [CO1] 12
- b) Clarify the concepts of 'teacher-centered' and 'student-centered teaching' within the context of technical education providing examples to illustrate each approach. [CO1] 13
2. a) What would be the six best qualities of a good student in technical education? Provide supporting reasons of identifying these qualities. [CO1] 10
- b) Students' approaches to studying are connected to other components as shown in the diagram. Do you agree with these relationships? Elaborate your answer in relation to IUT education system in your own words. [CO1] 15



(Source: Scheeler, 2002, p. 679)

3. Choose a topic from your area of interest (discipline) and discuss this topic (consider you are a teacher for this topic) by applying Behaviorism learning theory based on the following three steps: 25
 - learning process;
 - role of a teacher;
 - role of a learner. [CO1]
4. a) Analyze the diagram presented below and elaborate on how cognitive learning theory is applied in a learning process considering human brain. [CO1] 15



- b) Identify five factors that a teacher should take into account when aiming to make the learning experience interesting and effective for students. [CO1] 10