



Name of the Program: DTE, 2nd Semester
Semester: Summer

Date: Tuesday 12 March, 2024
Time: 10:00 am – 11:30 am

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

Exam: Mid Semester Examination

Academic Year: 2022 - 2023

Course Number: TVE 4235

Full Marks: 75

Course Title: Educational Measurement and Evaluation

Duration: 90 minutes

There are 3 (three) questions. Answer all. The symbols have their usual meaning.

1. a) Assessment is an integrated process for determining the nature and extent of student learning and development. To make this process the most effective, which principles need to be taken into consideration? Explain each principle. (9) CO1
PO2
 - b) Differentiate between *Maximum-performance assessment* and *Typical-performance assessment*. For what purposes is each most useful? Explain with examples. (8) CO1
PO2
 - c) Which of the following represents a criterion-referenced interpretation, and which is a norm-referenced interpretation and why? (8) CO1
PO2
 - i. Hamid's reading score placed him near the bottom of the class.
 - ii. Khadija defined 90% of the science terms correctly.
 - iii. Siam can identify all the parts of a complex sentence.
 - iv. Jainaba surpasses 85% of the sixth graders on the mathematics test.
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2. a) Discuss the criteria for selecting appropriate Instructional Objectives with a schematic diagram. (10) CO2
PO2
 - b) Instructional goals and objectives are sometimes stated in terms of actions to be taken, such as, (15) CO2
PO2
 - Demonstrate to students how to use the microscope.*
 - i. Identify the problem with the above instructional objective. Modify the statement to make it an appropriate instructional objective.
 - ii. Discuss the relationship between instructional objectives, learning experience (process), and learning outcomes (product).
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3. a) Why is it important for teachers to know about the *Domains of learning*? State five reasons. (5) CO2
PO2
 - b) What is an *action verb*? Create six questions from the six sub-domains of the cognitive domain using appropriate action verbs. (7) CO2
PO2
 - c) "Reliability is necessary but not sufficient condition for the validity of a test". Justify this statement. (6) CO3
PO2
 - d) Describe the *Usability* of a test with examples. (7) CO3
PO2