

Name of the Program: B.Sc. TE 2Yr 4th Sem.
Semester: Summer

Date: 04 July 2025 (Afternoon)

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

Mid Semester Examination

Course Number: TVE 4205

Course Title: Institution and Industry Relationship

Academic Year: 2023 - 2024

Full Marks: 50

Time: 90 minutes

There are 4 (four) questions. Answer **Question No. 3** as compulsory. Answer any other two questions from other 3 questions. The symbols have their usual meaning.

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| 1. | (a) Explain the primary objectives of fostering a relationship between industry and academic institutes. | 7.5 | CO1 |
| | (b) How does the collaboration between industry and educational institutes benefit students and contribute to national development? | 7.5 | CO1 |
| 2. | (a) How does modern education contribute to meeting the evolving demands of the global workforce? | 7.5 | CO1 |
| | (b) What is the significance of workforce development initiatives in enhancing employability and economic growth? | 7.5 | CO2 |
| 3. | (a) What are the key differences between internships and apprenticeships in terms of structure and learning outcomes? How do internships and apprenticeships enhance the employability and practical skills of students? | 10 | CO2 |
| | (b) What are the key benefits of industry-sponsored research for academic institutions and researchers? How does industry-sponsored research contribute to innovation and the development of practical solutions to real-world problems? | 10 | CO2 |
| 4. | (a) How do partnerships between industry and academic institutions contribute to effective curriculum development? | 7.5 | CO1 |
| | (b) What are the advantages of involving industry experts in the curriculum design process for technical and professional courses? | 7.5 | CO2 |