

TVE DPT.

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Programme: B.Sc.TE 2-Yr 4th Sem.

Date: 19 September 2025, Friday

Time: 10:00 AM to 1:00 PM

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

Semester Final Examination**Academic Year (2023-2024)**

Course No: TVE 4205

Time : 3Hrs

Course Title: Institution and Industry Relationship

Full Marks : 100

Question No 1 is Compulsory and answer any other 5 questions.**Figures in the right margin indicate marks of the questions**

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| 1. (a) In what ways does your institution collaborate with industry to align academic programs with current market needs and trends? | 10 | CO1 |
| (b) How are students and faculty engaged in industry-related activities, and what mechanisms ensure ongoing review and strengthening of industry partnerships? | 10 | CO2 |
| 2. (a) How does modern education contribute to preparing students for the evolving demands of the global workforce? | 5 | CO1 |
| (b) What role do industry partnerships and skill-based learning play in enhancing workforce readiness among graduates? | 5 | CO2 |
| (c) Discuss the comparison between Internships and Apprenticeships. | 6 | CO3 |
| 3. (a) What are the primary objectives your institution aims to achieve through partnerships with industry and other academic institutions in curriculum development? | 8 | CO1 |
| (b) How do curriculum development partnerships help ensure that academic programs remain relevant, up-to-date, and aligned with industry standards and future workforce needs? | 8 | CO2 |
| 4. (a) What key benefits has your institution experienced because of collaborating with industry and other academic partners? | 8 | CO1 |
| (b) How have such partnerships enhanced the quality of education, research opportunities, or student outcomes at your institution? | 8 | CO2 |
| 5. (a) What strategic approaches does your institution follow to initiate and sustain meaningful collaborations with industry partners? | 8 | CO1 |
| (b) How are institutional goals aligned with industry needs, and how do joint initiatives like curriculum co-design, research, and internships strengthen collaboration? | 8 | CO2 |
| 6. (a) What are the major challenges your institution faces in establishing and maintaining effective partnerships with industry, and how do these challenges impact collaboration outcomes? | 8 | CO3 |
| (b) How do differences in goals, expectations, or communication between academic institutions and industry partners affect the success of joint initiatives? | 8 | CO2 |
| 7. (a) Explain in detail what are the strategies your institution implemented to build and sustain long-term partnerships with industry and other academic institutions. | 8 | CO1 |
| (b) What role do joint research projects, internships, or faculty exchange programs play in strengthening collaborations with industry and peer institutions? | 8 | CO4 |
| 8. (a) How frequently does your institution engage with industry professionals to review and update the curriculum, and what methods are used to collect their feedback? | 8 | CO1 |
| (b) What challenges or limitations does your institution face in obtaining consistent and actionable feedback from industry partners to inform curriculum development? | 8 | CO2 |