

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
 ORGANISATION OF ISLAMIC COOPERATION (OIC)
 DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

TERM : MID SEMESTER EXAMINATION

WINTER SEMESTER: 2022-2023

COURSE NO. : CEE 4101

TIME : 1.5 Hours

COURSE TITLE: Introduction to Civil Engineering

FULL MARKS: 50

There are 5 (Five) questions. Answer all. Do not write on this question paper. The figures in the right margin indicate full marks.

	Full Mark	CO	PO
1 (a) State the pros and cons of a civil engineer in his /her profession?	3	[1]	[1]
(b) Civil engineer improves the quality of life – Explain how?	4	[2]	[1]
(c) Describe the importance of civil engineering.	3	[1]	[1]
2 (a) State the seven basic functions of construction management.	3	[1]	[1]
(b) Discuss the goals of construction management of a project.	3	[1]	[1]
(c) What is Bar chart? State the advantages and disadvantages of it.	4	[1]	[1]
3 Write Short Notes on:	2.5x4	[1]	[1]
(a) Engineer Vs Scientist			
(b) Dream Vs Goal			
(c) Environmental Engineering Vs Environmental Science			
(d) Effective Vs Efficient			
4 (a) What is meant by sustainability and sustainable development?	3	[1]	[1]
(b) Describe the duties of an environmental engineer.	3	[1]	[1]
(c) Write down the objectives of environmental engineering.	4	[1]	[1]
5 (a) Describe the basic difference between Architect and Civil Engineer.	3	[1]	[1]
(b) Beauty is the function of form and function – Explain.	3	[2]	[1]
(c) Define green building and state the features of green building.	4	[1]	[1]