

## MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO

## MID SEMESTER EXAMINATION 2023 OF FIRST SEMESTER SECOND YEAR (21-BATCH) OF B.E (PETROLEUM & NATURAL GAS ENGINEERING)

## FLUID MECHANICS (CE-263)

Dated: 23/01/2023		Time: 45 MINTS (2 C.H)	Max. Marks-10		
Note:	ATTEMPT ANY TWO QUESTIONS.				
			CLO	Taxonomy Level	Marks
Q.No.01 a)	The intensity of pressure at a point in a FLUID AT REST is the same in all the directions, says the Pascal Law. Analyze the pressure intensity for rigid bodies in the light of Pascal's law.			C4	3
b)	relationship between th	n's Law of viscosity, Analyze the e rate of shear stress and the rate of ur discussion with the help of graphs.	1	C3	2
Q.No.02 a)		and also discuss rheological models p-plastic fluids with the help of a	1	C4	3
b)		re y is the distance from the solid s the velocity in m/s. Determine shear	1	C2	2

wante of Subj	ect Teacher: Engr. Mukhtiar Ali Taipur	
	The End	