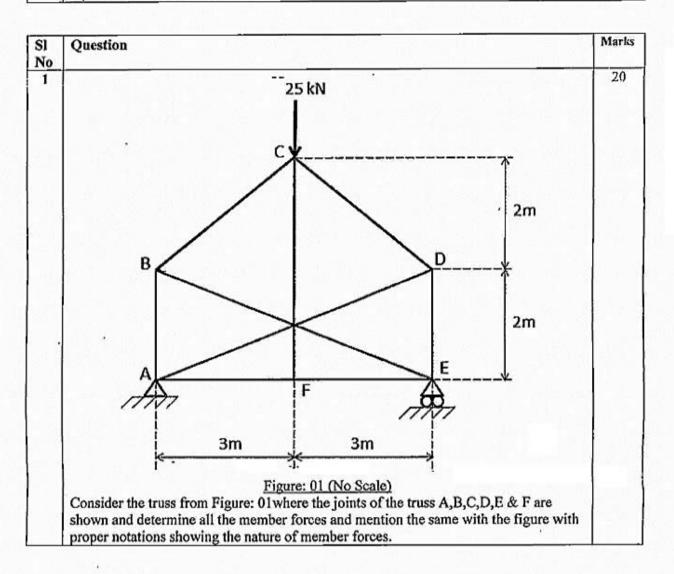
Name of the Examination: B.E. CIVIL ENGINEERING

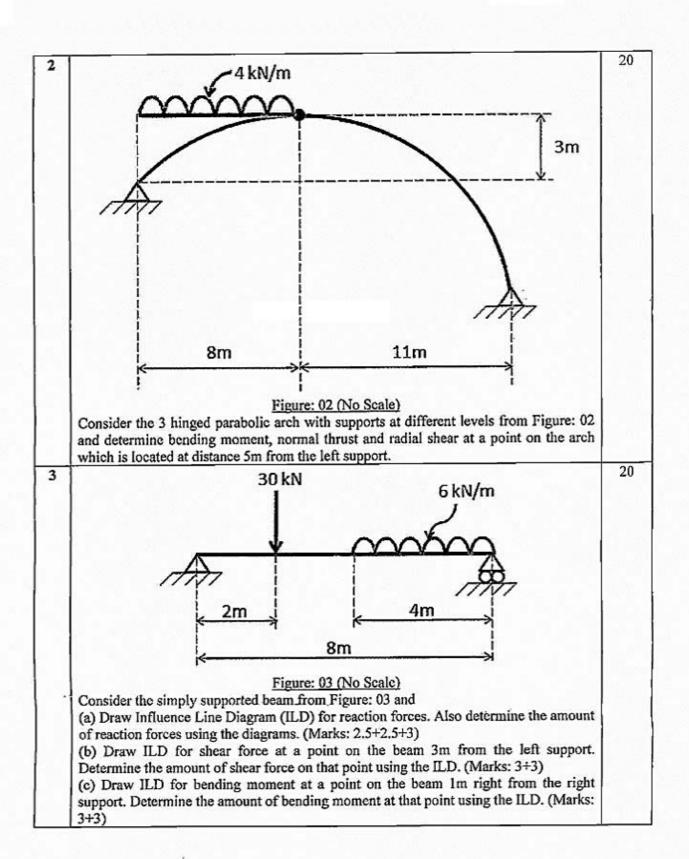
Subject: STRUCTURAL MECHANICS II

PART-I

Full Marks: 60

Instructions:	
I	All notations represent their standard relevant meaning.
	If you feel that any data or condition is/are missing in any question, please assume relevant inputs and mention the same.





Ref. No.: Ex/CE/PC/B/T/224/2022

B.E. CIVIL ENGINEERING SECOND YEAR SECOND SEMESTER EXAM 2022

Subject: STRUCTURAL MECHANICS II

Full Marks:100

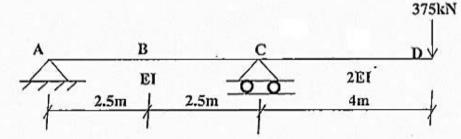
Time: 3hours

(Use Separate Answer scripts for each Part)

Part- II (Marks.40)

1. Find slope and deflection at point B and D. Use conjugate beam method.

(15)



 Determine the bending moment at different locations of the continuous beam shown below. Also draw the bending moment and shear force diagrams. Use Three moments theorem. (25).

