

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY
CIVIL ENGINEERING DEPARTMENT
MINI TERM EXAM APRIL 2021

Subject: Engg. Mechanics	Subject code: CE125
Branch: Civil Engineering Section D	Maximum marks: 10
Note: Attempt all question	Semester: II
Max. Time- 60min.	

Q.1	A) Define the term ‘Support reaction’?	1
	<p>B) Calculate the support reaction for the beam given below</p> <p>C) A simply supported beam, AB of span 6 m is loaded as shown in figure below. Determine the support reactions.</p>	2
Q.2	A) Define Bending moment and Shear force?	1.5
	<p>B) Draw the shear force and bending moment diagram for the following loaded beam.</p>	3.5