

IMS ENGINEERING COLLEGE	IMSEC/QF/48
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	Issue No: 02
Tutorials/Assignments/Quizes	Issue Date: 1 May 2010
Prepared by: MR	Approved by: Director

Subject Name	Structural Analysis-I	Subject Code : CE-401
Date of Handout	17/02/14	Max. Marks :05
Date of Submission	21/02/14	

ASSIGNMENT NO. - 2

- Q1.** What is meant by shear force and bending moment?
- Q2.** Find out the shear force and draw Shear force diagram for a cantilever beam having udl of intensity 5KN/m over the entire span of 5m.
- Q3.** Find out the bending moment at the mid span of a simply supported beam carrying udl of intensity 4KN/m over the entire span. (Span = 4m)
- Q4.** Find out the shear force and bending moment at the fixed end for a cantilever beam carrying point load of 50KN at the free end. Also draw the shear force diagram. (Span = 5m)

