
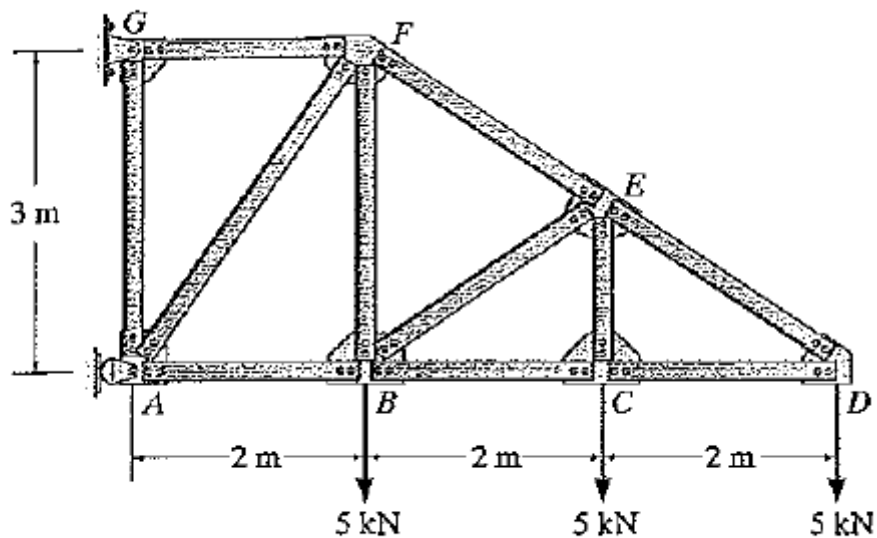


<b>Course No :</b>	<b>University of Palestine</b>	<b>Instructor: Heba Hamad</b>
<b>Course Title : Structural Analysis- I</b>		<b>Student Name:</b> _____
<b>Date :2012/03/24</b>		<b>Student No.:</b> _____
<b>No. of Questions: 3</b>	<b>Midterm Exam</b>	<b>College Name: Engineering</b>
<b>Time : 1:15 hours</b>	<b>2<sup>nd</sup> semester 2012</b>	<b>Dept./ Specialist: Architecture</b>
	<b>Total grade : 20</b>	<b>Using Calculator ( Yes )</b>

**Exam Instructions: Answer All Questions.**

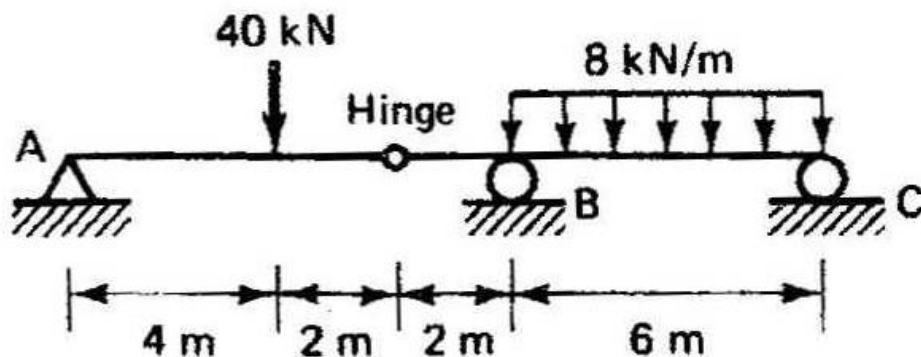
Question (1):

Determine the forces in the members: FE and FB.



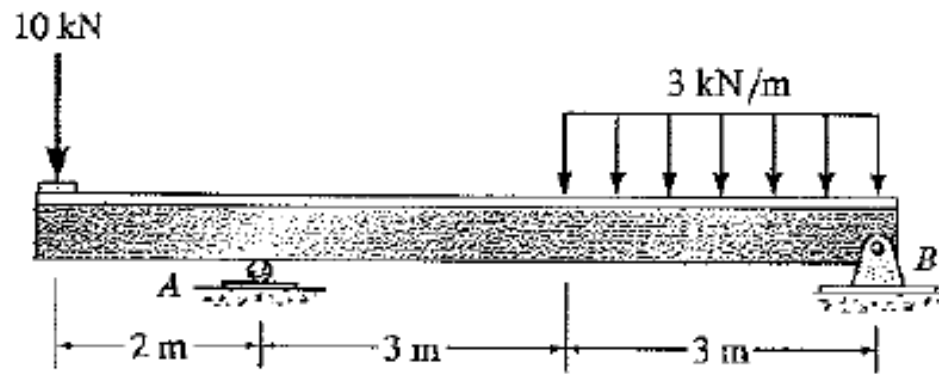
Question (2):

Determine the reactions for the structure.



Question (3):

Draw shear and moment diagrams



انتهت الأسئلة