

Quiz 6

by Charles Tempest
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Grading Scheme (7)

Question 11

- A) 2 points fully correct
- B) 2 points " "
- C) 3 points " "

Each section will receive partial credit based on effort.

Comments

- many students are getting confused as to what areas correspond to the different types of stress (bearing or shear)
- many students did not convert units into a standard form. For example, someone might have $\frac{N/m^2}{cm^2}$ and they would just cancel units of length, thus messing up magnitudes.

Question 12 Grading Scheme (10)

- 2 points for each of the following correct relationships: material properties, geometry, compatibility, mechanics; shear stress relationships were bonus in.
- Credit given if student made significant efforts in achieving any and all of these relationships.

Comments:

- many students did not begin the problem with a FBD... bad!
- familiarity with statically indeterminate problems must increase.
- many students made assumptions, without providing any reasoning or mathematical proof.