

**GEOGRAPHIC INFORMATION SYSTEMS
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***** EXAMINATION *****

ETHICS -- MECHANICAL ENGINEERING

1. Alison Turner should:

- a) express her dissenting opinion
- b) defer any opinion to her superior, Brad Louks
- c) not express her dissenting opinion
- d) None of the above

2. Alison Turner may:

- a) act in unison with the other board members
- b) abstain from voting
- c) trust the opinion of her supervisor
- d) express her opinion

3. If unrepresentative data causes you not to ship a good coil:

- a) you are not being a faithful trustee of your own company.
- b) you need to retest the coil
- c) you need to change the test
- d) None of the above

4. Rewinding the coil to allow you to get samples for the other end:

- a) is the best solution
- b) is an expensive solution
- c) will give the same results
- d) None of the above

5. The malpractice model of professional responsibility is:

- a) more demanding than the reasonable care model
- b) more demanding than the good works model
- c) the most demanding of any model of professional responsibility
- d) None of the above

6. The good works model of professional responsibility:

- a) requires the engineer to invest time beyond reasonable expectations
- b) requires the engineer to meet reasonable standards
- c) is more demanding than the malpractice model
- d) All of the above

7. **The reasonable care model of professional responsibility:**
 - a) is less demanding than the malpractice model
 - b) is more demanding than the malpractice model
 - c) is more demanding than the good works model
 - d) Any of the above may apply
8. **To meet specifications of Maypool's RCD and MPF departments:**
 - a) Neal should design to the higher specifications
 - b) Neal should use the lower specifications if he agrees with them.
 - c) Neal should recommend a meeting between all parties
 - d) None of the above
9. **Specifying a step ladder according to inferior government standards:**
 - a) will meet the malpractice model
 - b) will meet the reasonable or due care model
 - c) will meet the good works model
 - d) None of the above
10. **The Code of Ethics of ASME will:**
 - a) require the good works model
 - b) require a higher standard than the malpractice model
 - c) allow for any of the models depending on the situation
 - d) None of the above
11. **The limits of the ability of engineers to design against misuse are:**
 - a) cost
 - b) ease of manufacture
 - c) ease of use
 - d) All of the above
12. **The Golden Rule Test asks:**
 - a) whether we would exchange places with persons affected
 - b) whether our actions violate the rights of others
 - c) what action would produce the most well-being for most people
 - d) None of the above
13. **The Utility Test:**
 - a) asks whether we would exchange places with persons affected
 - b) asks whether our actions violate the rights of others
 - c) asks what action would produce the most well-being for most people
 - d) None of the above
14. **The Rights Test:**
 - a) asks whether we would exchange places with persons affected
 - b) asks whether our actions violate the rights of others
 - c) asks what action would produce the most well-being for most people
 - d) None of the above

15. **When the toxins cannot be removed in a timely fashion:**
- a) the health of the residents should be monitored
 - b) emergency funding to move the residents should be sought
 - c) the residents should be informed of the danger
 - d) All of the above.
16. **To apply the Golden Rule Text, the EPA site manager would:**
- a) live in the community affected by the toxins
 - b) compensate the community for poor health
 - c) inform the residents of the danger
 - d) None of the above

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<p>*** ANSWER SHEET *** U43</p> <p>ETHICS - MECHANICAL ENGINEERING</p>	<p>STATE BOARD</p>	<p>COURSE NO.</p>	<p>VALUE</p>
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I hereby certify that I studied the course materials, and the above answers are my own. No other person has helped me to complete this exam.

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