

**GEOGRAPHIC INFORMATION SYSTEMS  
GEOGRAPHIC INFORMATION CENTER  
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**\*\*\* EXAMINATION \*\*\***

**ETHICS -- ELECTRICAL ENGINEERING**

1. **Greg's supervisors offer of a layover in Thailand is unethical:**
  - a) because of its significant value
  - b) because it appears to be a bribe
  - c) because it is introduced at a time to influence Greg's decision
  - d) All of the above
  
2. **Greg's responsibility as a citizen is:**
  - a) to ensure a standard of living by adhering to the law
  - b) follow his conscience
  - c) the same as his responsibility to his company
  - d) None of the above
  
3. **Shane's dilemma is:**
  - a) being a loyal employee and protecting public safety
  - b) making a profit and shipping on time
  - c) producing and repairing defective chips
  - d) All of the above
  
4. **To design the compress machine, ethical considerations depend on:**
  - a) whether 500 machines are sold
  - b) whether 5000 machines are sold
  - c) whether 500,000 machines are sold
  - d) the number is insignificant -- you need to protect the public safety
  
5. **Which response is appropriate for the PDA display problem?**
  - a) We don't believe you have never heard about this problem.
  - b) We know about it and are working on resolving it.
  - c) We will replace the product at your request.
  - d) None of the above
  
6. **Which response is appropriate for the PDA display problem?**
  - a) We didn't know about this problem.
  - b) We know about it but it is a software design problem.
  - c) We know about it and will fix it in the next release.
  - d) None of the above

7. **The error in the credit database benefits:**
  - a) the couple moving to the retirement community
  - b) the credit bureau, RWT
  - c) the local bank providing the loan
  - d) None of the above
8. **List the people in the credit database case with something to win or lose.**
  - a) The computer hardware company
  - b) The public
  - c) The data entry clerks
  - d) None of the above
9. **Should someone have done something earlier in the credit database case?**
  - a) the data entry clerk
  - b) the bank
  - c) RWT
  - d) No -- mistakes will occur and checking will eliminate them.
10. **In making unpopular design changes in the missile explosion,**
  - a) the engineer should pass his authority to his supervisor
  - b) the engineer should not blow the whistle
  - c) the engineer should always be as specific as possible
  - d) None of the above
11. **Andrew's situation is an ethical conflict between:**
  - a) the public's safety and responsibility to his employer
  - b) their client and his employer
  - c) himself and their client
  - d) None of the above
12. **Making the cellular telephone recall will:**
  - a) strengthen the public confidence who already likes the product
  - b) avoid costly litigation later
  - c) show the public that a popular cellular telephone is being improved.
  - d) All of the above
13. **The ethical solution for the homes being built near transmission lines**
  - a) is recommend metallic meshes and terminate work if the builder refuses
  - b) is ask the transmission line company to move
  - c) is ask the transmission line company to bury the lines
  - d) None of the above
14. **The voluntary disclosure of contract deficiencies at a public meeting:**
  - a) would be ethically warranted
  - b) would be unwarranted and premature
  - c) would be appropriate
  - d) None of the above

15. **Informed consent:**

- a) states that the engineer should give consent to dangers.
- b) states that the public should give consent to dangers.
- c) states that the client should give consent to dangers.
- d) None of the above

16. **Jerry violated the NSPE Code of Ethics by:**

- a) performing services outside his area of competence
- b) bribing the electrical contractor
- c) accepting compensation from the builder for lower specifications
- d) applying past experience which worked but didn't meet specifications

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<b>*** ANSWER SHEET *** U42</b>  <b>ETHICS - ELECTRICAL ENGINEERING</b>	<u>STATE BOARD</u>	<u>COURSE NO.</u>	<u>VALUE</u>
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