1. (6) Define each of the following terms:
   (a) cybertechnology.
   (b) ethics

2. (3) Briefly describe one drawback to using law as a basis for justifying moral principles.

3. (3) State a roadblock to moral discourse.

4. (3) Which of the following statements is normative?
   (a) The moon should be made of green cheese.
   (b) The moon is made of green cheese.
5. (3) Professional and philosophical ethics use the same methods and tools. How, then, are these two perspectives of applied ethics distinguished?

6. (9) The text describes several ethical theories.
   (a) Which theory is criticized as being minimalist?

   (b) Which theory assumes that people desire happiness?

   (c) Which theory assumes that people are rational creatures?

7. (10) Cybertechnology provides the opportunity for new forms of human action that can generate policy vacuums. A policy vacuum is the lack of explicit policies or laws to guide choices. Describe one policy vacuum that was revealed by the Therac-25 malfunctions.
8. (3) Is the following argument valid? Briefly justify your answer.

Fire causes smoke.

There is smoke.

Therefore, there is fire.

9. (3) The following argument is valid. Is it sound? Briefly justify your answer.

Whales are mammals.

All mammals are fish.

Therefore, whales are fish.

10. (3) The following argument is invalid. Is it inductive or fallacious? Briefly justify your answer.

Socrates was Greek.

Most Greeks eat fish.

Therefore, Socrates ate fish.

11. (3) Does a sound argument always have a true conclusion?

12. (3) Does a fallacious argument always have a false conclusion?
13. (15) Classify each of the following fallacious arguments as Ad Hominem, Slippery Slope, Appeal to Authority, False-Cause, Fallacy of Composition, Begging the Question, Fallacy of Division, or Appeal to the People.

(a) I'm not a doctor, but I play one on the hit series Bimbos and Studmuffins in the OR. You can take it from me that when you need a fast acting, effective and safe pain killer there is nothing better than MorphiDope 2020. That is my considered medical opinion.

(b) If such actions were not illegal, then they would not be prohibited by the law.

(c) We have to stop the tuition increase! The next thing you know, they'll be charging $40,000 a semester!

(d) Sodium and chlorine are both dangerous to humans. Therefore any combination of sodium and chlorine will be dangerous to humans.

(e) Bill purchases a new PC and it works fine for months. He then buys and installs a new piece of software. The next time he starts up his PC, it freezes. Bill concludes that the software must be the cause of the freeze.
14. (10) This passage contains several arguments. Construct the arguments.

Sue is afraid of vampires because she's a hemophiliac and all hemophiliacs are afraid of vampires. But all vampires are bats. So she must be afraid of bats. Don't expect her to go in the cave. There are bats in it.