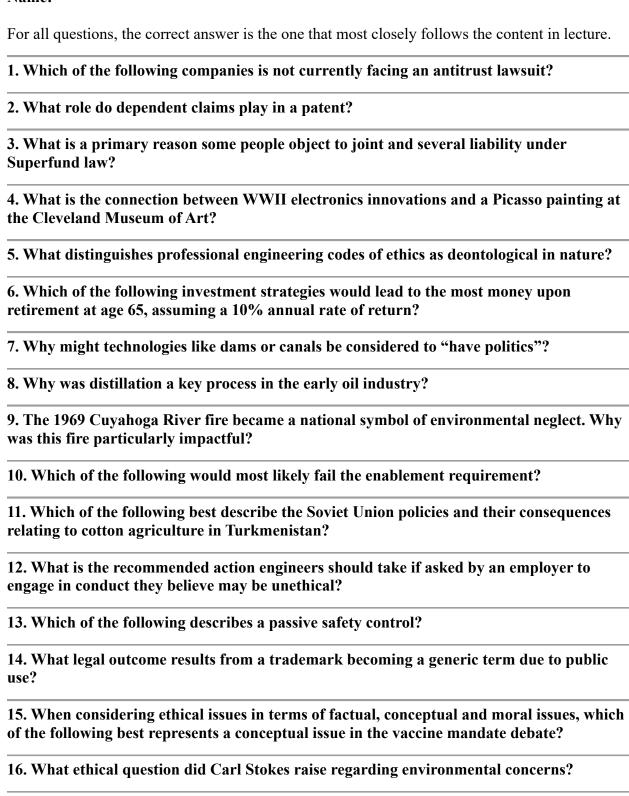
ENGR 399 Exam

Name:



17. According to Kantian ethics, what makes an action morally right?

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18. Which of the following scenarios best exemplifies "imperious immediacy of interest" in ethical decision-making related to technology? 19. Which of the following statements best describes the nature of a U.S. patent holder's rights? 20. In considering legal and engineering professional ethics, which of the following is true? 21. Why is sugar dust classified as a hazardous material in industrial settings? 22. The concept of normalization of deviance in safety culture refers to: 23. How could a U.S.-based company legally use a patented catalyst without a license and sell products in the U.S.? 24. Why did the Bhopal MIC disaster occur even though safety systems were installed? 25. Why is carbon dioxide considered a hazardous gas? 26. What does the 1-year grace period in 35 USC §102(b)(1) allow? 27. What characteristic of hexavalent chromium makes it both industrially useful and environmentally dangerous? 28. Why did some local groups oppose the Opportunity Corridor project in Cleveland? 29. The concept of inherently safe design can include: 30. What was Rockefeller's ethical defense for securing preferential railroad rebates? 31. The concept of "technologies having politics" suggests: 32. In the context of the Aral Sea crisis, which ethical framework and reasoning could be used to argue against the action of diverting water for cotton farming? 33. Which action would not invalidate a patent under the on-sale bar, if it occurred more 34. Which of the following exemplifies a failure in regard to management of change review? 35. What potential ethical downside of government responsiveness to community outcry was addressed in this course? 36. What was the primary justification Western Union used to defend its monopoly? 37. Who is legally recognized as an inventor for the purposes of obtaining a patent?

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- 38. According to Diane Vaughan's analysis of the Challenger disaster, what was the primary organizational failure?
- 39. Which ethical framework is most clearly invoked by those who argue that people should not be displaced from homes even to build safer roads that save lives?
- 40. Why were Standard Oil's railroad rebates considered unethical by critics?
- 41. What was a major limitation of using nuisance lawsuits to control water pollution prior to the 1972 Clean Water Act?
- 42. How did the Moses overpass story exemplify the danger of relying on single-source factual claims?
- 43. Which philosophical position might argue that AI systems inherently embody social values?
- 44. According to 17 U.S.C. §107, which of the following does not favor a fair use defense?
- 45. What is the Golden Mean, as proposed by Aristotle?
- 46. According to the Clean Water Act, what enables a facility to legally discharge pollutants into navigable waters?
- 47. Under copyright law, which of the following would not be eligible for protection?
- 48. Which of the following would deontologists most likely reject as a justification for action?
- 49. Which of the following best illustrates a complex international ethical issue raised by the Bhopal incident?
- 50. An engineer receives an invitation for an all-expenses-paid trip to an overseas conference from a vendor they recently recommended to their company. The company accepted the recommendation and it now uses the services of this vendor. What is the most ethical course of action?