

IENG355 Midterm. Summer 19-20.

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Points: -/50

1. Disobedience by Protest: protesting a policy or action of the company.
(whistleblowing) *
(-/2.5 Points)

☒ True
☐ False

2. The government regulator wants as much assurance as possible that the public is not
being exposed to unexpected harm. *
(-/2.5 Points)

☒ True
☐ False

3. Engineers increase the risk to the public by allowing increasing numbers of
deviances
from proper standards of safety and acceptable risk. This is called "normalization
of
deviance". *
(-/2.5 Points)

☒ True

☐ False

4. PED-Proper Engineers Decision involves factors related to the well-being of the organization such as cost, scheduling, marketing, employee morale or welfare *
(-/2.5 Points)

☐ True

☒ False

5. Professional Manager Decision (PMD) either involves technical matters that require engineering expertise or falls within the ethical standards embodied in the engineering codes, especially those requiring engineers to protect the health and safety of the public *
(-/2.5 Points)

☒ True

☐ False

6. Uncritical Loyalty to an employer: giving due regard to the interests of the employer, insofar as this is possible within the constraints of the employee's personal and professional ethics *
(-/2.5 Points)

☐ True

☒ False

7. Trademarks: Formulas, patterns, devices or compiled information used in business to gain advantage over the competitors. They aren't in the public domain because they aren't protected by patents. *

(-/2.5 Points)

☒ True

☐ False

8. Critical Loyalty to an employer: giving due regard to the interests of the employer, insofar as this is possible within the constraints of the employee's personal and professional ethics. *

(-/2.5 Points)

☒ True

☐ False

9. Normalization of deviance: Risk increases because engineers are constantly involved in innovation. *

(-/2.5 Points)

☐ True

☒ False

10. The Expert should follow certain rules to avoid problems such as withholding information during cross-examination. One of these rules: "Not to take a case if there is shortage of time for thorough analysis." *

(-/2.5 Points)

☒ True

☐ False

11. An acceptable risk is one in which risk is freely assumed by free and informed consent, or properly compensated, and which is justly distributed. *
(-/2.5 Points)

☒ True

☐ False

12. "An office for ethical issues with an ethics hotline" is not one of the methods that can be used within an organization to improve employer-employee communication and avoid whistle blowing. *
(-/2.5 Points)

☐ True

☒ False

13. Fault-Tree Analysis is a diagram of the possible ways in which a malfunction or accident can occur. In a Fault-tree analysis one starts with an undesirable event, and then reasons backward to determine what might have led to the event. *
(-/2.5 Points)

☒ True

☐ False

14. Sustainable development is a process of change in which profitability is the only concern. *
(-/2.5 Points)

☐ True

☒ False

15. Conflict of interest exists when an engineer is subject to influences, loyalties, temptations, or other interests that tend to make the professional's judgment less likely to benefit the customer or client than the customer or client expects. *

(-/2.5 Points)

☐ True

☒ False

16. Trade secrets are words, phrases, designs, sounds, symbols associated with goods or services. *

(-/2.5 Points)

☐ True

☒ False

17. Risk Expert wants to balance risk and benefit in a way that optimizes overall public well-being. *

(-/2.5 Points)

☒ True

☐ False

18. Layperson: wants to protect himself or herself from risk. *

(-/2.5 Points)

☒ True

☐ False

19. DeGeorge believes that whistle-blowing is morally obligatory if: the employee has "documented evidence that would convince a responsible, impartial observer that his view of the situation is correct and the company policy is wrong" *
(-/2.5 Points)

☒ True

☐ False

20. Apparent C-o-I decrease the confidence of the audience even if professional judgment is not actually corrupted. *
(-/2.5 Points)

☒ True

☐ False

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