

IENG355 Exam 1 (Quiz)

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Points: 88/100

1. The minimalist view of responsibility holds that engineers have a duty to conform to the standard operating procedures of their profession and to fulfill the basic duties of their job as defined by the terms of their employment.

(includes avoiding harm) * 

(2/2 Points)

☒ True ✓

☐ False

2. Engineers have a responsibility to serve their employers and the public in ways that reduce the likelihood of harms to others for which either they, their supervisors, or their companies can be held legally liable. *

(2/2 Points)

☒ True ✓

☐ False

3. A good test of engineering responsibility is the question, "What does an engineer do when no one is looking?" *

(2/2 Points)

☒ True ✓

☐ False

4. Engineers shall not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with clients or employers for the Engineer in connection with work for which the Engineer is responsible *

(2/2 Points)

☒ True ✓

☐ False

5. The obligation-responsibilities of engineers require, not only adhering to regulatory norms and standard practices of engineering but also satisfying the standard of reasonable care. *

(6/6 Points)

☒ True ✓

☐ False

6. Intentionally Causing Harm is not knowingly causing harm but failing to exercise "due care". *

(2/2 Points)

☐ True

☒ False ✓

7. Engineers shall not accept financial or other considerations, including free engineering designs, from material or equipment suppliers for specifying their product *

(2/2 Points)

☒ True ✓

☐ False

8. Which one the following is not one of the ethical responsibilities of engineers?

*

(2/2 Points)

- ☐ nature is not polluted through the end product
- ☒ all means necessary should be used to meet the targets/achieve the goals ✓
- ☐ pirated tools are not used
- ☐ people cannot be harmed by using the end product
- ☐ making sure the process of production does not involve illegal activities

9. Personal ethics is a foundation of Professional ethics. *

(2/2 Points)

- ☒ True ✓
- ☐ False

10. Ali designs automobile brakes at Mercedes. While working for Mercedes Ali helps develop a brake lining which lasts twice as long as conventional brake linings. Mercedes decides to keep the formula for this brake lining as a trade secret. Later, Ali moves to BMW where he tells them the formula for new brake lining. Ali is stealing Mercedes's intellectual property. *

(6/6 Points)

- ☒ True ✓
- ☐ False

11. The reasonable care view emphasizes a negative approach to responsibility: eg. "its his job, not mine!" *

(2/2 Points)

- ☐ True
- ☒ False ✓

12. Professional engineers, in their professional duties, shall perform services only in areas of their competence. *

(2/2 Points)

☒ True ✓

☐ False

13. Most engineers are not their own bosses, and they are expected to defer to authority in their organisations *

(2/2 Points)

☒ True ✓

☐ False

14. Blame-responsibility is the set of one's own ethical commitments. *

(2/2 Points)

☐ True

☒ False ✓

15. Engineers can expect to be held accountable, if not legally liable, for intentionally, negligently, and recklessly caused harms. *

(2/2 Points)

☒ True ✓

☐ False

16. Responsible engineering practice requires good judgment, not simply following algorithms. *

(2/2 Points)

☒ True ✓

☐ False

17. Reversibility: Whatever is right (or wrong) in one situation is right (or wrong) in any relevantly similar situation. (it requires us to be consistent in our thinking) *
(2/2 Points)

- ☐ True
- ☒ False ✓

18. Engineers, shall conduct themselves honourably, responsibly, ethically, and lawfully so as to enhance the honour, reputation, and usefulness of the profession. *
(2/2 Points)

- ☒ True ✓
- ☐ False

19. Engineering Ethics is about; what we have to consider when making decisions and according to what standards are these actions right or wrong. *
(2/2 Points)

- ☒ True ✓
- ☐ False

20. Respect for Persons should imply that people should be treated with fairness and respect for their overall well-being regardless of race, gender, socio-economic status, etc. *
(2/2 Points)

- ☒ True ✓
- ☐ False

21. Engineers, shall act for each employer or client as faithful agents or trustees. *
(2/2 Points)

- ☒ True ✓

☐ False

22. Engineers with minimalist view take on responsibilities that no one has a right to expect from them. If they do not do it no one will fault them. *
(2/2 Points)

☐ True

☒ False ✓

23. Responsibility has to do with accountability, both for what one does in the present and future and for what one has done in the past *
(2/2 Points)

☒ True ✓

☐ False

24. Exposing trade secrets, which give a company competitive advantage is an act of transparency. *
(2/2 Points)

☐ True

☒ False ✓

25. Based on the Utilitarian Philosophy the greatest good for the greatest number of people should be the primary concern (not for one individual) *
(2/2 Points)

☒ True ✓

☐ False



26. Professional irresponsibility can be described as failure to inform those whose decisions are impaired by the absence of the information *
(0/2 Points)

☐ True ✓

☒ False

27. Confidentiality covers both sensitive information given by the client and information gained by the professional in work, paid for by the client. *
(2/2 Points)

☒ True ✓

☐ False

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28. Impediments to responsible practice include self-interest, fear, self-deception, ignorance, egocentric tendencies, narrow vision, uncritical acceptance of authority, and groupthink. *
(0/6 Points)

☐ True ✓

☒ False

29. Onoff valves are superior to traditional ones. Before Max decides to purchase a large number of valves from Onoff, Ali (Onoff salesman and former classmate of Max) visits Max and offers to sponsor him for an all-expenses-paid Holiday trip to Dubai. If Max accept the offer this may create an actual conflict of interest situation. *
(6/6 Points)

☒ True ✓

☐ False

30. Engineers, shall avoid deceptive acts. *

(2/2 Points)

☒ True ✓

☐ False

✕

31. Obligation-responsibility refers to being in a role (charged) with certain responsibilities so that one has obligation responsibilities and can also be blamed for harm. *

(0/2 Points)

☒ True

☐ False ✓

32. Avoidance of blame or "staying out of trouble" tends to be the dominant concern of the Good Works view. *

(2/2 Points)

☐ True

☒ False ✓

✕

33. Recklessly Causing Harm: not aiming to cause harm but acting in conscious awareness that harm is likely to result. *

(0/2 Points)

☐ True ✓

☒ False

34. Negligently Causing Harm: Knowingly deliberately causing harm! *

(2/2 Points)

- ☐ True
- ☒ False ✓

35. There are differences between professional ethics and personal ethics. *
(2/2 Points)

- ☒ True ✓
- ☐ False

36. Engineers, in the fulfilment of their professional duties, shall hold paramount the safety, health, and welfare of the public. *
(2/2 Points)

- ☒ True ✓
- ☐ False

37. Engineers are not morally responsible for harms they negligently, or recklessly cause and they can not be held legally responsible *
(2/2 Points)

- ☐ True
- ☒ False ✓

38. 1. Tom designs automobile brakes at Ford. As part of his Research and Development work for Ford Tom develops a brake lining which lasts twice as long as conventional brake linings. Ford decides to keep the formula for this brake lining as a trade secret. Later, Tom moves to GM where he tells them the formula for new brake lining. Tom is stealing Ford's intellectual property *
(6/6 Points)

- ☒ True ✓
- ☐ False

39. Engineers, shall issue public statements only in an objective and truthful manner *
(2/2 Points)

☒ True ✓

☐ False

40. Which one the following is not one of the professional responsibilities of engineers? *
(2/2 Points)

☐ finishing projects on time to meet the deadlines

☒ placing the interest of an employer over all other considerations ✓

☐ going to work on time

☐ using ethical and technical standards in their projects

☐ working as part of a team if and when required

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