

Final Exam Questions

1. Which of the following engineering professional organizations provides a codes of ethic?

- (a) The American Society of Mechanical Engineers
- (b) The Institute for Electrical and Electronic Engineers
- (c) The American Institute of Chemical Engineers
- (d) All of the above

2. Engineering ethics include ideas and directives related to:

- (a) Urban infrastructure
- (b) Contracts
- (c) Integrity
- (d) Corporate business practices

3. Engineering ethics are needed for engineering practice:

- (a) To prevent law suits
- (b) To win contracts
- (c) To increase popularity
- (d) To guide the professional practice

4. Good works means:

- (a) Going above and beyond the call of duty in reasonable care
- (b) Doing excellent work that makes clients proud
- (c) Improving engineering products above expectation
- (d) All of the above

5. Information needed for the informed consent of an individual should be provided in full. This is known as:

- (a) Full disclosure
- (b) Confidentiality
- (c) Conflict of interest
- (d) "Do no harm" ethics

6. Confidential client information includes:

- (a) Information obtained by the access right
- (b) Information found by the engineer while working for the client
- (c) Information obtained by court order
- (d) None of the above

7. Conflict of interest which should be avoided by engineers includes:

- (a) Actual
- (b) Perceived
- (c) Apparent
- (d) All of the above

8. _____ is a process of change in which human development activities meet present needs and aspirations without endangering the capacity of natural systems to absorb their effects, and without compromising future generations' ability to meet their needs and aspirations.

- (a) Meta-Ethics
- (b) Environmental Management
- (c) Sustainable Development
- (d) Environmental Protection

9. _____ is where government regulations are accepted as a cost of doing business and societal goodwill, but no extra resources or commitment are provided.

- (a) Minimalist environmental management
- (b) Denial of need for environmental management
- (c) Advanced environmental management
- (d) None of the above

10. _____ includes the concept of integrity as a human and issues related to human change. Such changes include the enhancement of human abilities and the nature of implants in human bodies.

- (a) Life-basics ethics (Risk and “first do no harm” ethics)
- (b) Life-quality ethics (Justice and equality ethics)
- (c) Life and human definition ethics (Meta-ethics)
- (d) None of the above