

Unit 3 - Week 1

Course outline

How does an NPTEL online course work?

Week 0

Week 1

- Lecture 1 : Introduction to Ethical Reasoning and Engineering Ethics
- Lecture 2 : Introduction to Ethical Reasoning and Engineering Ethics (Contd.)
- Lecture 3 : Introduction to Ethical Reasoning and Engineering Ethics (Contd.)
- Lecture 4 : Professional practice in engineering
- Lecture 5 : Professional practice in engineering (Contd.)
- Lecture Material
- Quiz : Assignment 1
- Feedback Form

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Solution

Download Videos

Assignment 1

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-03-04, 23:59 IST.

1) Out of the three statements given below, based on your understanding of personal and professional ethics, identify the misquoted statement (s). 1 point

- I. How we treat people in our day to day lives is an example of pseudo-personal ethic
- II. Principles of personal ethics can also be applied to situations in organizations
- III. There may not always be the clear boundary between personal and professional ethics
- IV. You can always prepare a list of how you will apply personal ethics and how you will apply professional ethics and be sure that these are not mixed

- a) Statement I and II are misquoted
- b) Only Statement I is misquoted
- c) Only Statement III is misquoted
- d) Statement I and IV are misquoted

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

2) Ms. Sunanda Pushkar, an alumna from Institute of Technology had recently joined the Corporate social responsibility division of Bata Troy Motors and was placed as chief of the division. As Chief, she was asked to review a few projects on ethical grounds which were about the construction of a dam in far off outskirts of the city. She realized that one of the projects submitted by Spark constructions though was causing an issue of relocation of a very small population of people living there but was beneficial for the majority of stakeholders and was causing maximum good. On this basis, she selected this project and rejected others. According to you, which basis did she use for selecting the project? 1 point

- a) Cost-benefit analysis approach
- b) Minimax approach
- c) Utilitarianism
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

3) As far as the views of general public are concerned, it can be said that public views engineers as utilitarians, positivists and _____. 1 point

- a) Capitalists
- b) Wealth creators
- c) Applied physical scientists
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

4) Shrikant told his friend, if I borrow some money from a friend or a relative, I make sure that I return it as promised. This is an example of _____. 1 point

- a) Professional ethic
- b) Personal ethic
- c) Pseudo-personal ethic
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

5) Mr. Sridharan Pillai after entering the class in which he was supposed to deliver a lecture on code of ethics wrote on board the roles (1-9) that code of ethics play: 1 point

1. Serving and protecting the public
2. Supporting responsible professionals
3. Offering inspiration,
4. Providing guidance
5. Establishing shared standards
6. Contributing to education
7. Deterring wrongdoing
8. Strengthening a profession's image and
9. Substitute for sound judgment
10. Provide legal support

According to you, which role or roles are erroneous?

- a) Role 5 and 4
- b) Role 6 and 9
- c) Role 7 and 4
- d) Role 9 and 10

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

6) One of the key limitations of the Theory of utilitarianism is that you cannot decide _____. 0 points

- a) The number of stakeholders involved
- b) What causes maximum good
- c) What are the consequences of a decision
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

7) Sharman Khosla, an engineer from the School of Mines decided to implement the project Y, as he found out that the benefits emerging out of the project outweighed the costs. According to you, he must have decided this based on: 1 point

- a) Tree diagram
- b) Flowcharting
- c) ABC costing
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

8) Dr. Naina Banerjee, while teaching her students about ethics, told them, "people have fundamental rights that other people have a duty to respect". According to you, she was explaining to her students the concept of: 1 point

- a) Virtue ethics
- b) Rights ethics
- c) Both of the above
- d) None of the above

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

9) State whether the following is True or False. 1 point

In using virtue ethics, it is important to ensure that the traits you identify as virtues are indeed virtuous and will not lead to any negative consequences.

- a) True
- b) False

- a
 b

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

10) _____ utilitarianism focuses on individual actions rather than on _____. 1 point

- a) Act, rules
- b) Rule, codes
- c) Professional, act
- d) Personal, rule

- a
 b
 c
 d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a