

Course Name: Ethics in Engineering Practice

Assignment - Week 7

TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10

Total marks: 10 X 1 = 10

QUESTION 1:

The following points are key features of copyright protection. (Identify the inaccurate statement).

- a) Copyright is a type of intellectual property
- b) Copyrighted material can be copied when it is in public interest.
- c) The creative work may be in an artistic, educational, musical form, even an idea.
- d) A copyright may be assigned to others or inherited.

Correct Answer: c

The creative work may be in an artistic, educational, musical form, even an idea.

Detailed answer: The intellectual property that is protected by the copyright is the "expression," not the idea. Ideas cannot be copyrighted. So option b is not correct.

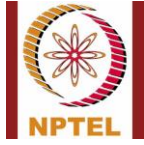
QUESTION 2:

The whistle blowing is justified when (identify the correct situation)

- a) The concerns have been reported earlier to the immediate superiors and no satisfactory response was forthcoming from them, within a reasonable time.
- b) There no potential harm is identified , some benign consequences are anticipated to occur with a very low probability, in the distant future.
- c) There are cases of professional conduct or standards of behaviour in companies or institutions.
- d) None of the above

Correct Answer: a

Detailed Answer:



Under the following situations, the whistle blowing may be justified:

1. When the potential harm existing is identified as serious, or anticipated to occur with a high probability, in the near future.
2. When sufficient data on the harm had been gathered and adequately documented. This condition may not be required if revealing the information would jeopardize the national interests or help the competitors. A request to the appropriate authority for external investigation or permission by a court to release the information may be a solution.
3. The concerns have been reported earlier to the immediate superiors and no satisfactory response was forthcoming from them, within a reasonable time.
4. There is a reasonable hope that whistle blowing can prevent or remedy the damage anticipated.

Here correct options are not given. So none of the above is correct choice.

QUESTION 3:

-----responsibility is the most familiar type of moral responsibility that arises from the special knowledge a person possesses.

- a) Group
- b) Personal
- c) Professional**
- d) Collective

Correct Answer: c

Professional

Detailed answer: Please refer week 7 slide no 27

QUESTION 4:

S1: A copyright is most commonly held by the author, the composer, or inventor.

S2: Intuition is the ability to immediately recognize what is going on in a situation.

S3: Standard design elements are always patented one; which you learn during a course of a job but can not apply later.

S4: Moral responsibility cannot be simply transferred to someone else.



- a) S1-F, S2-T, S3-T, S4-F
- b) S1-T, S2-T, S3-F, S4-T
- c) S1-F, S2-T, S3-F, S4-T
- d) S1-T, S2-T, S3-F, S4-F

Correct Answer: c

Detailed Answer: A copyright is most commonly held by the author, the composer, or inventor. An inventor holds a patent.

Standard design elements you learn during a course of a job and use in another job unlike customized ones.

QUESTION 5:

NCEES stands for

- a) National Council for Engineering Establishment and Surveyors
- b) National Civil Engineering Examiners and Surveyors
- c) National Council for Engineering Examiners and Surveyors
- d) None of the above

Correct Answer: c

National Council for Engineering Examiners and Surveyors

Detailed answer: Please refer week 7 slide no 41

QUESTION 6:

Typhoon Nora is responsible of massive destruction of property and deaths in the city of Manila. But they are causal but not moral agents, so their actions are not subject to moral evaluation.

- a) True
- b) False

Correct Answer: a

Detailed Answer : The moral sense of responsibility, in which one undertakes to achieve some future state of affairs or maintain some present one, should not be confused with the **causal sense of responsibility** for some existing or past state of affairs. (Consider the example of the storm that is described as being “responsible for” deaths and property damage. Causal responsibility, not moral responsibility, is attributed to the storm. Storms do not have moral responsibilities and are neither responsible nor irresponsible in the



moral sense. They are causal but not moral agents, so their actions are not subject to moral evaluation.)

QUESTION 7:

Assertion (A) : The proper management of corporate whistleblowing is an increasingly important issue globally.

Reason(R) : It may seem like an extra cost for companies, but problems such as fraud, bribery, or other unethical behaviour are all risks that, if left undetected, can lead to financial and reputational losses for companies.

- a) If A is true but R is false
- b) Both, A and R, are true but R is not the correct explanation of A
- c) Both, A and R, are true and R is the correct explanation of A
- d) If A is false but R is true

Correct Answer: c

Detailed Answer: The proper management of corporate whistleblowing is an increasingly important issue globally. On the face of it, this is another burden for companies, but it is in everyone's interest to have a properly functioning mechanism for reporting such abuse that is effective and can reduce the damage caused by fraud.

QUESTION 8:

A reasoned judgment about whether (or the extent to which) some act (or course of action) is morally justified will mention some or all of the following:

- a) The act produces only good consequences
- b) It fulfils or shirks obligations.
- c) It is a sheer violation of rights.
- d) It absolutely ignores agreements.

Correct Answer: b

Detailed Answer: The act displays or fosters the development of positive (ethical or other) character traits (virtues) or negative ones (vices). The act produces good or bad consequences. It respects or violates rights. It honors or ignores agreements and promises.



QUESTION 9:

Some engineering codes of ethics suggest that engineers bear some individual responsibility not only for educating other members of the profession about their responsibilities but also for educating the public about engineering.

- a) True
- b) False

Correct Answer: a

Detailed Answer: Some engineering codes of ethics suggest that engineers bear some individual responsibility not only for educating other members of the profession about their responsibilities but also for educating the public about engineering. For example, the 2006 revision of the NSPE Code of Ethics for Engineers states under the second professional obligation (to serve the public interest at all times):

c. Engineers shall endeavor to extend public knowledge and appreciation of engineering and its achievements.

QUESTION 10:

“Not invented here” attitude is

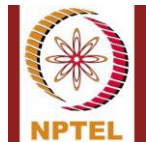
- a) Tendency to reject products, services, or results of external origin.
- b) The notion of swapping ideas with outside partners, even competitors.
- c) Creative individuals outside the company can also contribute to achieving strategic goals
- d) All of these

Correct Answer: a

Detailed Answer:

“Not invented here” attitude, which disregards advances made outside of one’s own organization, is widely blamed for slowing advances in quality and safety.

*****END*****



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