

Part I. Answer these questions by marking the best answer among the choices given: [10 points each]

1. Engineers who believe others are guilty of unethical or illegal practice should ...
 - a. Tell everyone about that to expose them
 - b. Present such information to the proper authority for action (*)
 - c. Keep silent in order not to protect the reputation of the engineering profession
 - d. Confront them with that information and ask them to stop

2. When an engineer believes a project will not be successful, he should ...
 - a. Keep silent to avoid punishment
 - b. Prepare ahead with good excuses to give when it fails
 - c. Withdraw from the project team without giving reasons
 - d. Advise their clients or employers with that information (*)

3. Engineers shall undertake assignments only when they are ...
 - a. Financially rewarding
 - b. Afraid of getting punished or fired
 - c. Qualified by education or experience in the specific technical fields involved (*)
 - d. No one else is available in the specific technical fields involved

4. Engineers may express publicly technical opinions that are founded upon ...
 - a. Knowledge of the facts
 - b. Competence in the subject matter
 - c. Objectivity and truth
 - d. All of the above (*)

Part II. Mark the following statement as either True (T) or False (F): [5 points each]

5. Ethical guidelines can vary between contexts (for example, different professions) (T)
6. Sales engineers are ethically entitled to criticize the practices of other sales engineers from competitors. (F)
7. Engineers may decide not disclose a potential conflict of interest related to their project if it will hurt their chances to get the project contract. (F)
8. Engineers may accept gifts from suppliers or contractors doing business with their companies. (F)

Part III. Answer the following questions: [20 points each situation]

9. Analyze the following situations from the ethical perspective and justify your analysis by pointing out the relevant ethical guidelines:
 - a. An engineer who received specialized training on a particular technology while working on a project for company X then leaves to join another competing company Y based on his expertise in the same technology without consent from his original company X.
 - b. An engineer who uses proprietary designs from former clients in a new project without knowledge or permission of these clients.

(Note: Answer this question in the back)

Answer:

(a) Not an ethical behavior since it breaks the following guideline:

Professional obligations: Engineers shall not disclose, without consent, confidential information concerning the business affairs or technical processes of any present or former client or employer, or public body on which they serve

(b) Not an ethical behavior since it breaks the following guideline:

Professional obligations: Engineers shall give credit for engineering work to those to whom credit is due, and will recognize the proprietary interests of others