ABDUL RAFEH CSC-20S-104

Professional Practices

Assignment #01

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CS III - C

Q¹: Considering 8 Principle of the IEEE Code of ethics, how would you respond in a way that is legal, moral, and ethical for the following scenarios?

ANS

8 PRINCIPLES OF IEEE CODE OF ETHICS

Following are 8 Principles of the IEEE Code of Ethics:

1. **PUBLIC:** Software engineers Shall act Consistently with the Public interest.

2. **CLIENT AND EMPLOYER:** Software engineers Shall act in a manner that is in the best interests of their Client and employer Consistent with the Public interest.

3. **PRODUCT:** Software engineers Shall ensure that their Products and related modifications meet the highest Professional Standards Possible.

4. **JUDGMENT:** Software engineers Shall maintain integrity and independence in their Professional Judgment.

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5: <u>MANAGMENT</u>: Software engineering Managers and leaders Shall Subscribe to and Promote and ethical approach to the managements of Software development and main-tenance.

6: <u>PROFESSION</u>: Software engineers Shall advance the integrity and reputation of the Profession consistent with the Public interest.

7: <u>COLLEAGUES</u>: Software engineers Shall be fair to and Supportive of their Collégues.

8: <u>SELF</u>: Software engineers Shall Participate in lifelong learning regarding the Practice of their Profession and Shall Promote an ethical approach to the Practice of the Profession.

1. You are the owner of a Software engineering Company. Your employes (engineer's) want you to let them do Pro bono work for a local non-Profit organization on Company time.

Ans These Principles are followed in this Scenario:

* <u>Principle 1.08</u>: Be energized to our employe's/engineer's great Causes and contribute to open instruction or any Professional Bono work Concerning the restraint.

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* __Principle 2.09:__ Advanced no intrigued to their boss and client. unless you can't think that this can be a better main concern is being compromised; in that case. educate the manager or another work individual to handle your work when I am bot show here, you not absent only the sake of application.

* __Principle 4.01:__ Mood all specialized judgments by the have to support and keep up human values.

* __Principle 6.05:__ Not advance their hold intrigued at the rate of the business, client or boss. You are doing concerning work by your privilege expense.

2. You are the head of Computer Science department at a University. Your boss (a "dean") wants you to find a way your curriculum so undergrads are more likely to choose your department of their major.

Ans   These Principles are followed in this Scenario:

* __Principle 1.01:__ Do your work with full responsibility.

* __Principle 3.02:__ Provide full and achievable objectives and goals for any left on which they studied.

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* Principle 5.01: Give great administration for and leave, Counting Successful methods for Sports.

* Principle 5.02: You'll tell them all the measures Sometimes recently being held to them.

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