# Professional Practices (Mid Term) Marks: 30

Instructions:

* All questions are compulsory.
* Marks of each question are mentioned with it.
* Marks will be given as per the DEPTH of the answer, not LENGTH. (Kindly don’t write lengthy stories, just to the point)
* No *Out sourcing* please (Save that to IT Companies).
* For this paper, you’ll not be required to borrow anything from anyone.

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**Question No: 01**

1. **What do you mean by cyberspace? The term cyberspace was first used by William Gibson in necromancer in 1984. What does he meant by the cyberspace that time ?**

**Ans:**

The Means of Cyberspace refers to the virtual computer world, and more specifically, is an electronic medium used to form a global computer network to facilitate online communication. It is a large computer network made up of many worldwide computer networks that employ TCP/IP protocol to aid in communication and data exchange activities.

The means by the : "cyberspace", which in his famed 1984 cyberpunk novel Necromancer, he also calls "the matrix". Ring a bell?

1. **According to IEEE code of ethics what will be the behavior of a software engineer with their peers.**

**Ans:**

According ti the IEEE code of ethics the software engineer Software engineers shall be fair to and supportive of their colleagues (peers). In particular,software engineers shall, as appropriate of his Encourage colleagues to adhere to the Code.

**Question No: 02**

1. **What “professions” have a reputation for being self-centered and selfish?**

**Ans:**

Shame on the engineer who regards their professional function as a business transaction to be judged by the question: ‘Just what do I get out of it?’”

1. **What is the social duty of a Software engineer?**

**Ans:Social Duty of software Engineers:**

Strive to design and implement the software you work on so that it becomes a force for good rather than evil. Don't work for organizations whose mission is intrinsically detrimental to society. If you organization develops software that will harm society, speak up.

**Question No: 03**

1. **Why educational institutions include ethics awareness in software engineering courses? Give answer while keeping in mind current changes in the software industry. For example, social media application, mobile games and flourishing e commerce industry.**

**Ans:**

As in this era we are looking many changes in software industry like social media applications, mobile games and flourishing e-commerce industry. That’s all due to ethics. Because of ethics defines socially acceptable behaviors established by various organizations to produce a positive effect on judgment, to establish responsibility of professionals to act ethically according to the policies and procedures of their employers, professional organizations and laws of society. That’s why educational institutions include ethics awareness in software engineering.

1. **You are a software engineer at a company where management routinely encourages you and your colleagues to use pirated software. How would you respond in a way that is legal, moral, and ethical?**

**Ans:**

Tell your management that if the company is using pirated software for free, it would be only honest to freely distribute all the software produced by the company of course, it still wouldn’t be ethical, the same way it is not ethical to give away the items you steal in a stop but at least it would be equal.