

National University of Computer and Emerging Sciences, Lahore Campus



Course: Professional Issues in IT
Program: BS(Computer Science)
Duration: 60 Minutes
Paper Date: 14-Nov-16
Section: ALL
Exam: Midterm-II

Course Code: CS449
Semester: Fall 2016
Total Marks: 45
Weight: 20%
Page(s): 6
Roll No:

Instruction/Notes:

| Question | 1 | 2 | 3 | Total |
|----------|----|----|----|-------|
| Points | 25 | 10 | 10 | 45 |
| Score | | | | |

Q.1: Provide short answers to the following questions.

(Total Marks 25 = 5x5)

A. Briefly describe Legal System / System of Courts in Pakistan.

B. List down five rights that the owner of the copyright enjoys.

- Right to reproduce the work
- Right to prepare derivative works
- Right to distribute copies for sale
- Right to perform Audio Video works publicly
- Right to display musical and artistic works publicly

C. How Patent is different than Trade Secret? Describe the conditions for patentable inventions in Pakistan.

D. What is the concept of Cyber Squatting?

a. Cyber Squatting:

- i. **Registering trademarks of other companies as your own domain names**
- ii. **Then sell domain name to the owner of trademark at an inflated price**
- iii. **Possible because of inconsistencies in trademark and domain name registration systems**

E. Explain 'Cost Plus' Contracts.

- **Also called 'Time and Materials' Contract**
- **Supplier agrees to undertake the development of the software in a fixed price contract manner but final payment is made on the basis of actual costs incurred with labor charges as contract hire**

Q.2: Compare Takaful with conventional insurance.

Marks 10

- **Insurance is a contract between two parties**
- **One party agrees to undertake the risk of another in exchange for consideration known as premium and promises to pay a fixed sum of money to the other party on happening of an uncertain event or after the expiry of ascertain**
- **The party bearing the risk is known as the insurer**
- **The party whose risk is covered is known as the insured**
- **Takaful is an Arabic word that means "Guaranteeing each other".**
- **It is a system of Islamic Insurance based on the principle of TA"AWUN (mutual assistance) and TABARRU" (Gift, Give away, donation) where the risk is shared collectively by the group VOLUNTARILY.**

- This is a pact among a group of members or participants who agree to jointly guarantee among themselves against loss or damage to any of them as defined in the pact.
- By the end of 2011, the takaful industry had grown to \$12 billion "contributions" and is forecast to reach \$20 billion by 2017 (Wiki)
- Policyholders cooperate among themselves for their common good.
- Policyholders contributions are considered as donations to the fund (pool)
- Every policyholder pays his subscription to help those who need assistance.
- Losses are divided and liabilities spread according to the community pooling system.
- Uncertainty is eliminated concerning subscription and compensation.
- It does not derive advantage at the cost of others.

Q.3: What are the main sources of professional conflicts and how can we successfully manage conflicts?

Marks 10

- Competition for limited resources
- Main sources of conflict
- The Introduction of change
- Clashes between values and interest
- Cultural influences
- Misinformation, assumptions and expectations
- Role and status issues
- Mind games
- Differences over methods or style
- Low performance
- Lack of cooperation