

University of Sargodha

BS 4th Term Exam 2015

Subject: IT

Paper: Professional Practices (SS-4910)

Time Allowed: 2:30 Hours

Maximum Marks: 80

Objective Part

Compulsory

Q1. Attempt all parts and each require answer 2 – 3 lines

(16*2=32)

- i. What is structure of engineering profession?
- ii. What is Computer Ethics?
- iii. Define any non-consequentialism Theory?
- iv. Briefly describe the term “conceptual muddle”?
- v. Write the name of functional units of an organization?
- vi. What is difference between short term and long-term finance?
- vii. Define the term “article of association”?
- viii. Differentiate between Cybercrime and Cyberspace?
- ix. What is difference between confirmed sales report and sales prospects report?
- x. Describe TWO types of software services contract?
- xi. Briefly describe the term job enlargement and job enrichment?
- xii. Define the right of ownership?
- xiii. Differentiate between copyright and patent?
- xiv. Define the categories of staff in software house?
- xv. What is difference between direct discrimination and indirect discrimination?
- xvi. What is denial-of-services (DoS) attack?
- xvii. What is the purpose of referencing?

Subjective Part (16*3)

- Q2.** What are the steps for ethical analysis and decision making?
- Q3.** (a) Explain the three types of Consequentialism Theory?
(b) What are the intellectual property Rights? Ans what is difference between Primary infringement and secondary infringement?
- Q4.** Why do people hack? Write a note on types hacking?
- Q5.** Write a detailed note on IEEE/ACM Software Engineering codes of ethics?
- Q6.** The following a set of standard terms and conditions of contracts for the Supply of custom-built software at a fixed price. Describe the way in which each of these terms might be used to benefit client and software engineer?
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|--------------------------------|-------------------------------|----------------------|
| i. Termination of the contract | ii. Obligations of the client | iii. Confidentiality |
| iv. Penalty clauses. | | |