University of Sargodha

BS 4th Term Examination 2016

Subject: I. T   Paper: Professional Practices (SS: 4910)

Maximum Marks: 80

Time Allowed: 2:30 Hours

Note: Objective part is compulsory. Attempt any four questions from subjective part.

Objective Part   (Compulsory)

Q.1.   Write short answers of the following in 2-3 lines each on your answer sheet.   (2*16)

(i).   How are computer ethics defined by Bynum?

(ii).   What is difference between egoism and altruism?

(iii).   Briefly describe the term "policy vaccum".

(iv).   What is difference b/w confirmed sales report and sales prospects report?

(v).   Define "contract hire" and "time and materials contract"

(vi).   Briefly describe the terms "Hire purchase" and "Trade credit".

(vii).   What is license?

(viii).   Distinguish between redundancy and dismissal.

(ix).   Define obligation of confidence.

(x).   What is cybercrime?

(xi).   Define the categories of staff in software house?

(xii).   Define issued share capital.

(xiii).   Briefly describe the term job enlargement.

(xiv).   What is computer hacking?

(xv).   What is difference between primary infringement and secondary infringement?

(xvi).   What is denial-of-service (DoS) attack?

Subjective Part   12*4=48

Q.2.   (a) What is structure of engineering profession?   [4]

(b)   Define professional body and write down range of functions of Professional body. [8]

Q.3.   Define forms of business organization, explain memorandum of association and article of association.   [12]

Q.4   (a) Describe intellectual property rights and briefly explain copyrights, patents, and trademarks.   [12]

Q.5.   Write a detailed note on IEEE codes of ethics.   [12]

Q.6. (a) What activities are considered as criminal offense according to Computer misuse act?   [6]

(b)   Write down types of Spoofing and hacking.   [6]

Q.7. The following are 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 of might be used to benefit client and software engineer.

i. Ownership of rights   ii. Indemnity   iii. Penalty clauses   iv. Arbitration   [ ]