IQRA National University, Peshawar

Department of Computer Science

Summer Semester / Examination, Date: 26th Sep, 2020

Final – Semester Examination

Instructor: Mr. Shahab Ul Islam

Total Marks: 50

Professional Practices

Instructions:

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

Question No: 01   **(10)**
   a)   What is intellectual property? Write and explain three ways that protect   (06)
      Intellectual property.
   b)   What is the difference between European directive and U.S directive on   (04)
      data protection.

Question No: 02   **(15)**
   a)   Explain limited and unlimited companies. Also list 3 limited and unlimited   (08)
      Companies in Pakistan.
   b)   While starting a new software company as fresh graduates, what are the two main   (07)
      sources of funds that can help you to start your company? Explain briefly.

Question No: 03   **(15)**
   a)   Explain the functional units of an organization in detail.   (07)
   b)   Explain that the following organizations (Microsoft, IBM, Ebay, Amazon) are   (08)
      centralized or decentralized. Also justify your answer.

Question No: 04   **(10)**
   a)   What is contract? Explain the main purpose of contract?   (04)
   b)   What is pen-testing? Explain three methodologies of penetration testing used by   (06)
      ethical hackers.