

***IQRA National University, Peshawar***

**Department of Computer Science**

**Fall Semester / Examination, Date: 29<sup>th</sup> June, 2020**

**Final – Semester Examination**

**Instructor: Mr. Shahab Ul Islam**

**Total Marks: 50 Timing: 12:00 PM – 06:00 PM**



## Professional Practices

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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.

**Question No: 01** **(15)**

- a) Explain the functional units of an organization in detail. (07)
- b) Explain that the following organizations (Microsoft, IBM, Ebay, Amazon) are centralized or decentralized. Also justify your answer. (08)

**Question No: 02** **(15)**

- a) Explain limited and unlimited companies. Also list 3 limited and unlimited Companies in Pakistan. (08)
- b) While starting a new software company as fresh graduates, what are the two main sources of funds that can help you to start your company? Explain briefly. (07)

**Question No: 03** **(10)**

- a) What is intellectual property? Write and explain three ways that protect Intellectual property. (06)
- b) What is the difference between European directive and U.S directive on data protection. (04)

**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 ethical hackers. (06)