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**Iqra National University Peshawar Pakistan**

**Department of Computer Science**

Spring Semester, Mid-Assignment, April 2020

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| Subject: | **Topics in Software Engineering** | Issue Date: | **20/April/2020** |
| Program: | **MS (CS & SE)** | Submission Date: | **30/April/2020** |
| Teacher Name: | **Dr. Fazal-e-Malik** |  |  |

**Note: Attempt all Questions..**

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| Q.1 |  | **What is GUI Testing?** |  |
|  |  | Study open source tools available to conduct GUI Testing and write notes on only two tools |  |
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| Q.2 | a) | **What is Usability Testing** |  |
|  | b) | Study **Usability Test Tools** available to conduct **Usability Test** and write notes on only two tools. |  |
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| Q.3 | a) | **What Is Clean room software engineering?** |  |
|  | b) | Study some Case Studies in cleanroom software engineering and write summaries of some case studies  |  |

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