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|  | **BAHRIA UNIVERSITY, (Karachi Campus)**  *Department of Software Engineering*  **Quiz 1 - Spring 2023** |  |



COURSE TITLE: **SOFTWARE QUALITY ENGINEERING** COURSE CODE: **SEN-321**

Class: **BSE-6 (B)** Shift: **Morning**

Course Instructor: Sohaib ur RehmanTime Allowed:  **20 min.**

Date: 9th June 2023Max. Marks: **2.5 Marks**

**Question No. 1 [CLO4: 2.5 Marks]**

**Solve the following question with the help of the below data**

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| **S. No.** | **Testing Metric** | **Data retrieved during test case development & execution** |
| **1** | **No. of requirements** | 10 |
| **2** | **Avg. no. of test cases written per requirement** | 5 |
| **3** | **Total no. of test cases written for all requirements** | 45 |
| **4** | **Total no. of test cases executed** | 40 |
| **5** | **No. of test cases passed** | 25 |
| **6** | **No. of test cases failed** | 15 |
| **7** | **No. of test cases blocked** | 2 |
| **8** | **No. of test cases unexecuted** | 5 |
| **9** | **Total no. of defects identified** | 15 |
| **10** | **Critical defects count** | 5 |
| **11** | **High defects count** | 5 |
| **12** | **Medium defects count** | 3 |
| **13** | **Low defects counts** | 2 |

1. What is the percentage of test cases passed?
2. What is the percentage of test cases blocked?
3. What is the defect density?
4. What is the defect leakage?
5. What is the test case defect density?