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| **Topic** | Software Quality Assurance |
| **Document Name** | SQA\_EX\_02 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
| ⬜ | ⬜ | ⬛ | ⬜ |

# Document History

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| --- | --- | --- | --- |
| Date | Author | Ver | Comments |
| 01.06.2016 | Kadriye Dönmez | 1.0 | Initial Draft |
| 01.06.2016 | Mennan Tekbir | 1.1 | Org. |

# Software Quality Assurance

## Exercise SQA\_EX\_02:

**Definiton :** Please answer following questions:

1. Unit test ile integration test arasındaki farklar nelerdir?
2. Statik tekniklerden walkthrougs un ne olduğunu nasıl yapıldığını açıklayınız.
3. Defect priority ve defect severity nedir? Priority Urgent, severity low; priority low, severity urgent olan iki ornek veriniz.
4. İyi bir test uzmani nasil olmalidir?
5. İyi bir test case nasil olmalidir?
6. Yapay zekanın gelişimi, test tekniklerine pozitif bir etki etmiş midir?
7. Bir fabrikanın kalite sorumlusu olarak çalıştığınızı düşünün. Kalite kontrol bandına gelen bir tükenmez kalemi nasıl test edersiniz?

**Objectives** : To understand software testing concepts and evaluate SQA Training

## Solution of SQA\_EX\_02:

Tüm soruları cevaplayınız. Telefon numarınızı 7 bölümünden kalan + 1 nolu sorunun cevabını LinkedIn’e post olarak ekleyiniz. Örneğin telefon numaranız 5339635384 ise 7 ile bölümünden kalan 6 olur. 6 +1 = 7. Yani 7 nolu sorunun cevabını post edin :)

Sure! Here's the **short and clear English version** of your answers:

**1. Difference between Unit Test and Integration Test**

* **Unit Test:** Tests a single function/module. Fast and isolated.
* **Integration Test:** Tests interaction between modules. Broader scope.

**2. What is a Walkthrough?**

* A **static review** led by the document's author.
* The author presents step-by-step; team gives feedback.
* Used to find errors early.

**3. Defect Priority vs Severity**

* **Severity:** Technical impact of the bug.
* **Priority:** Urgency to fix the bug.

**Examples:**

* *High Priority, Low Severity:* Spelling error on homepage.
* *Low Priority, High Severity:* Rare crash during a complex operation.

**4. What makes a good tester?**

* Detail-oriented, analytical, curious.
* Strong communication and technical skills.
* Team player and patient.

**5. What makes a good test case?**

* Clear and concise.
* Has defined inputs and expected results.
* Easy to repeat, tests one thing only.

**6. Has AI impacted testing techniques?**

* Yes. AI helps in test automation, bug prediction, and data generation.
* Speeds up and improves test coverage.

**7. How would you test a pen on a factory line?**

* Check if it writes smoothly and doesn’t leak.
* Inspect for cracks, color, cap fit, durability.
* Drop test and ink consistency check.