**R22 SOFTWARE ENGINEERING**

**MID-2 QUESTION BANK**

Short Answer Questions

1. What is an Architecture and it’s importances?
2. Explain in detail about the art of debugging?
3. Discuss about Framework for Product Metrics?
4. Write short notes on DRE?
5. Explain the reactive and proactive risk strategies?
6. What is the use of Use Case diagram?
7. How debugging differs from testing?
8. What are the metrics for software quality?
9. What is risk refinement?
10. List the measures of software reliability

Long Answer Questions

UNIT-3

1. Describe about Architectural Design?

<https://www.youtube.com/watch?v=kerqiiJZcm0>

<https://www.geeksforgeeks.org/software-engineering-architectural-design/>

1. Describe architectural styles and patterns?

<https://www.geeksforgeeks.org/difference-between-architectural-style-architectural-patterns-and-design-patterns/>

conceptual model of uml

<https://www.startertutorials.com/uml/conceptual-model-of-uml.html>

1. What are building blocks of the UML? Explain?

<https://www.tutorialspoint.com/uml/uml_building_blocks.htm>

UNIT-4

1. Distinguish black box testing and white box testing?
2. What is integration testing? Explain in detail?
3. What is System testing? Explain in detail?
4. Discuss about test strategies for conventional software?
5. Discuss about metrics for testing in detail?
6. Explain about the metrics for design model?
7. List and explain the various software quality factors?
8. Explain about the metrics for Analysis model?

UNIT-5

1. Explain about Software risks in detail?
2. Explain the methods for Risk Identification?
3. Explain the methods for Risk Projection?
4. Explain about RMMM and RMMM Plan?
5. Explain Software quality concepts?
6. Describe about formal technical reviews?
7. Discuss about ISO 9000 Quality standard?
8. Explain about formal technical reviews?