**DCA3103 Software Engineering**

**Assignment Set-I**

1. State the pros & cons of different software development models.

2.i. Explain the various guidelines for data design.

ii. Discuss various functions of architectural design.

3.i. Explain different software reliability metrics.

ii. How reliability in a software system can be achieved? Explain.

**Assignment Set-II**

4.i. List the various characteristics of software testing.

ii. Write a short note on:

a. White Box Testing

b. Black Box Testing

5. Define Software maintenance and explicate its various tasks.

6.i. Briefly explain the Process of Agile Software Development.

ii. Differentiate traditional Software Engineering and Modern Engineering.

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