## Assignment 1 - SDLC

1. The letter **D** in SDLC stands for which of the following?

a. Design

b. Discussion

c. Development

d. Deployment

**ANS Development**

2. During which stage of the SDLC would a team identify high risk items?

a. Design

b. Implementation

c. Deployment

d. Requirements Analysis

**ANS Requirements Analysis**

3. During which stage of the SDLC does the team write and execute unit tests?

a. Design

b. Implementation

c. Testing

d. Deployment

**ANS Implementation**

4. Which of the following is not an objective of the Requirements Gathering stage?

a. Determine success criteria

b. Requirements documentation

c. Identifying right technologies

d. Confirm scope of work

**ANS Requirements documentation**

5. Agile development processes with short iterations lead to less wastage than Waterfall processes.

a. True b. False

**ANS True**

Assignment 2 - Software Architecture

1. Which architectural view typically shows types of servers required by the application?

a. Logical Architecture

b. Data Architecture

c. Deployment Architecture

d. Physical Architecture

**ANS Physical Architecture**

2. Which architectural view typically includes firewalls, if required by the application?

a. Logical Architecture

b. Data Architecture

c. Deployment Architecture

d. Physical Architecture

**ANS Logical Architecture**

3. Which of the following is not one of the purposes of Logical Architecture?

a. Group software components into layers

b. Highlight dependencies between different types of software components

c. Identify type of equipment required to run the application

d. Identify type of equipment required to run the application

**ANS** Depict data objects

4. Which of the following is not one of the purposes of Data Architecture?

a. Identify key data objects

b. Determine how data will be accessed

c. Identify types of data stores required for storing data

d. Map data objects to data stores

**ANS Determine how data will be accessed**

5. Any one of the architectural views is sufficient to successfully develop a software application.

a. True b. False

**ANS False**