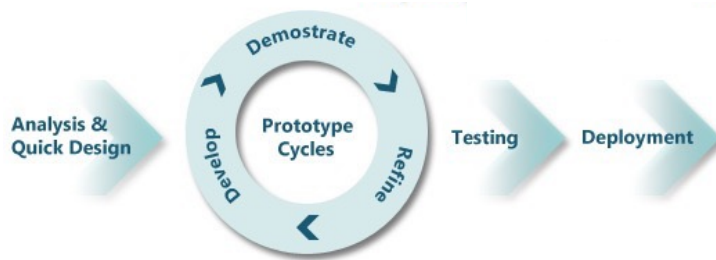
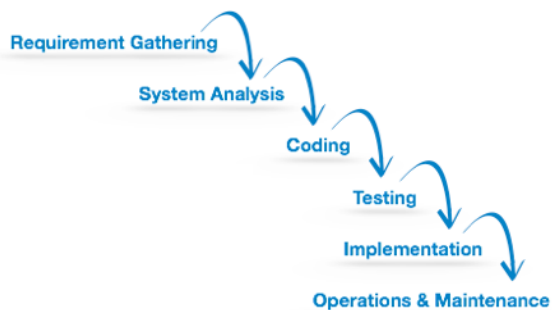


1-Which software development model or approach is shown here?



- Agile
- Spiral
- Rapid Application Development (RAD)
- Incremental
- Waterfall

2-Which software development model or approach is shown here?



- Agile
- Spiral
- Rapid Application Development (RAD)
- Incremental
- Waterfall

3-Which two of the following are advantages of Spiral methodology?

- Not a costly model to use
- Works well with smaller projects
- High amount of risk analysis
- Additional Functionality can be added later
- Software is produced later after much analysis

4-Which two of the following are **advantages** of Incremental methodology?

- Not flexible - higher cost when changes are made.
- Very easy to manage due to the rigidity of the model
- Generates working software quickly during the software life cycle
- It is easier to test and debug during smaller iteration
- Needs a clear and complete definition of the whole system

5-Which of these two are **NOT** functional requirements ?

- Certification requirements
- Authentication
- Capacity
- Recoverability
- Administrative functions

6-Which **good practice** in program design refers to the ease with which software can be used on computer configurations other than its current one?

- Reliability
- Efficiency
- Portability
- Functionality

7-Match the analysis and design tools and models with their descriptions

User Interface Design	A document that outlines your table designs, the data type for each column and a brief explanation of each field.
Data Design	A diagram showing objects and pieces of data and how they are linked
Data Dictionary	Making the user's interaction as simple and efficient as possible
Entity Relationship Model	Selecting logical representations of data objects identified during the requirements definition and specification phase

8-Which **good practice** in program design looks at the frequency and criticality of software failure, where failure is an unacceptable effect or behaviour occurring under permissible operating conditions?

- Reliability
- Efficiency
- Maintainability
- Functionality
- Usability
- Functionality

9-Which of the following are **advantages** of an agile approach?

- Working software is delivered frequently
- Late changes in requirements are welcomed
- The project can easily get taken off track
- No working software is produced until late during the life cycle.
- Regular adaptation to changing circumstances.

Name:
Cohort:

Score: