

SCSA1303-Software Engineering

Assignment 1

Part A

1. Which of the following does not relate to Evolutionary Process Model?
  - a) Incremental Model
  - b) Concurrent Development Model
  - c) WINWIN Spiral Model
  - d) All of the above
2. What is the major drawback of the Spiral Model?
  - a) Higher amount of risk analysis
  - b) Doesn't work well for smaller projects
  - c) Additional functionalities are added later on
  - d) Strong approval and documentation control
3. Model selection is based on \_\_\_\_\_.
  - a) Requirements
  - b) Development team & users
  - c) Project type & associated risk
  - d) All of the above
4. Which of the following life cycle model can be chosen if the development team has less experience on similar projects?
  - a) Spiral
  - b) Waterfall
  - c) RAD
  - d) Iterative Enhancement Model
5. Requirement's analysis is critical to the success of a development project.
  - a) True
  - b) False
  - c) Depends upon the size of project
  - d) None of the mentioned

Part B

- 1) What is the major advantage of using Spiral Model?
- 2) What is Validation and Verification?
- 3) What is Deployment?
- 4) List the phases of SDLC Model.
- 5) By your understanding can you give a brief description on Requirement gathering and Analysis

Part C

- 1) For an inventory control system for super market is to be designed the software should be used by shopkeeper, sales supervisor and also the manager. The software should be able to maintain the total sales of every day, every month and every Year, as an end user I will be happy if it the software could forecast the sales based on previous sales history. By your inferences what model of software life cycle model will you suggest. Explain the all phases of suggested SDLC model and also justify your selection of SDLC model.