

1. WHAT IS AGILE METHODOLOGY?

Agile methodology is a software development approach that emphasizes flexibility, collaboration, customer feedback and quick delivery of small working pieces of the software.

Agile modal is a large project working
Agile modal is customer requirement changes in project.
Agile modal is sprint wise working in project.
Agile modal is parallel working in project.
Why use agile
Faster delivery
Higher customer satisfaction
Better product quality
Easier to adapt to change

2. EXPLAIN PHASES OF THE WATERFALL MODEL?

The water fall model is a linear and sequential software development model

Where each phase must be completed before the next one begins.

Six phase in waterfall model
Requirement gathering analysis
Design
Implementation
Testing
Deployment
Maintenance

Waterfall model is a large project in working
Water fall model is client requirement fix in a project.

3. WRITE PHASES OF SPIRAL MODEL?

Spiral model is life cycle model
Spiral model in four phases cycle
Planning
Risk analysis
Engineering
Evaluation

4. WRITE AGILE MANIFESTO PRINCIPLES?

Customer satisfaction through early and continuous delivery

Welcome changing requirements even late in development
Deliver working software frequently from a few days to weeks
Business and developers must work together daily
Build projects around motivated individuals with trust
Face to face conversation is the best form of communication
Working software is the main measure of progress
Self-organizing teams create the best designs and solutions

5. EXPLAIN WORKING METHODOLOGY OF AGILE MODEL AND ALSO WRITE PROS AND CONS?

Agile model works by breaking the software project into small parts called iterations or sprints usually 1-4 weeks
In each sprint the team
Requirements gathering small set
Sprint planning
Development and testing
Review and feedback
Next sprint with improvements

6. DIFFERENCE BETWEEN QA V/S QC V/S TESTER?

Qa quality assurance ensure process are followed to prevent bugs.
Qc quality ensure the final product is defect free

Qa is process oriented
Qa is prevent defects
Qa team performs
Qa example is defining a testing process

Qc is product oriented
Qc is find defects
qc is a example checking final product meets standards

7. WHAT IS THE FULL FORM OF .IPA, .APK?

.ipa full form is a ios app store package
.apk full form is a android package kit