What is SDLC?

Ans.SDLC is the stricture which is imposed on test development of software product that defines planning, implementation,testing,documentation,deployment,on going maintenance and support.

What is Software testing.

Ans.Software testing is a process which is used to identify correctness, completeness and quality of developed software product.

What is agile methodology?

Ans.agile model is a combination of iterative and incremental model which is focus on adaptability and customer satisfaction by rapid delivery of working software product.

What is SRS?

Ans. SRS is Software requirement specification is complete description of the behavior of the system to be developed.

What is oops?

Ans.object oriented programming system.

What is basic concepts of oops?

Ans.The basic concept of programming revolve around four core principle: encapsulation,inheritance,polymorphism,abstraction. These principle serve as the foundation of designing robust maintainable and scalable software by mimicking real world interaction among objects.

What is object?

Ans object is an instances of the a class.

What o class?

Class is a collection of data member and member function with its behaviors.

What is encapsulation?

Wrapping up of data into the single unit. :

Private your data member and member function.

What is inheritance?

Ans properties of parent class extends into child class.

What is polymorphism?

Ans Ability to take one name having many forms.

Write SDLC phases with basic introduction.

Ans Requirement Gathering:Establish customer needs,Analysis:Model And Specify Requirements”What” , Design:Model and Specify a Solution “Why”, Implementation: construct a solution against the requirements, Maintenance:Repair defects and adapt the solution to the new requirements.

Explain phases of the waterfall model.

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Write phases for Spiral model.

Ans.Planning,Risk Analysis,Engineering,Customer Evaluation

Write Agile Menifesto Principles.

Ans.individual interactions,working software,customer collaboration,responding to change.

Explain working methodology of agile model and also write prons and cons.

Ans Agile SDLC is a combination of iterative and incremental model with focus on process adaptability and customer satisfaction by rapid delivery of working software projects.

Advantage: face to face interaction with customer, fulfill all the requirements, any time changes is possible,it reduce total development time.

Disadvantage: transfer of technology with other team member is difficult because lack of documentation,not suitable for handling complex dependency, depend heavily on customer interactions so if customer is not clear about the requirements, entire team can be driven on the wrong direction.