1. What is SDLC ?

Ans- SDLC is a structure imposed on the development of a software product.

1. What is agile methodology ?

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

1. What is SRS ?

Ans- SRS is a complete description of the behaviour of the system to the development.

1. What is oops ?

Ans- identifying objects and assigning responsibilities to these objects.

1. Write basic concept of oops ?

Ans- class, Object,Encapsulation, Abstraction,Polymorphism,Inheritance.

6. What is object ?

Ans- object is an instrance / eg of a class.

7. What is class ?

Ans- it is a blueprint of an object.

1. What is encapsulation ?

Ans- - it is the process of wrapping up of data into a single unit.

1. What is inheritance ?

Ans- one class inherits the characteristics of another class.

1. What is polymorphism ?

Ans- Polymorphism having many forms.

1. Write SDLC phases with basic introduction.

Ans- REQUIREMENTS – establish customer needs.

ANALYSIS – model and specify the requirements.

DESIGN – model and specify the solution.

IMPLEMENTATION – construct a solution in software.

TESTING – validate the solution against the requirements.

MAINTENANACE – repair defects and adapt the solution to the new requirements.

1. Explain phases of the waterfall model.

Ans-

13 . write the phases of spiral model.

Ans-

1. Write agile manifesto principles.

Ans- Individuals and interactions

Working software

Customer collaboration

Responding to change

1. Explain working methodology of agile model and also write pros and cons.

Ans- working-

Pros- easy to manage

Give flexibility to developers.

Cons- not suitable for handlng complex dependencies.

More risk of maintainability,extensibility.

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Ans-