

Q16. Why do we feel that features of requirements play a very significant role in the selection of a life cycle model?

Ans:

The requirements play a very significant role in the selection of life cycle model as is depicted below:

S NO.	REQUIREMENTS	LIFE CYCLE MODEL CHOSEN
1.	If the requirements are easily understandable and defined.	Waterfall Model, RAD (Rapid Application development) Model.
2.	If the requirements are indicating a complex system to be built	Prototype, Iterative Enhancement, Evolutionary Development
3.	If we can define requirements early in the cycle or not.	Waterfall, Iterative Enhancement, Evolutionary Development, RAD
4.	If we need to change requirements quite often	Prototype, Spiral Model

As we can see from the above table that the different requirement features decide the type of life cycle model to be chosen.

Therefore, we can say that features of requirements play a very significant role in the selection of Life Cycle model.