

### Tutorial 03)-

Answer all the questions.

- Q-01 What are the project management phases consist of when creating project plans?

ProMate

- | Date                       | No          |
|----------------------------|-------------|
| 01) Initiation             | truth (and) |
| 02) Planning               | nsdvi       |
| 03) Execution              | now that    |
| 04) monitoring and Control | to          |
| 05) closure                |             |

Q-1) Compare the different between waterfall development and v-model development.

Waterfall	V-model.
The cost of waterfall model is low.	V-model is expensive.
Flexibility of waterfall model is rigid.	Flexibility of v-model is little flexible.
Waterfall model is limited.	V model can be reuse for some extent.
It is not possible to test a software during its development.	There is possibility to test a software during its development.
Debugging is done after the last phase.	Debugging can be done in between phases.
It is less costly as compared to v-model.	It involves more cost.
Less used now-a-days in SE	Widely used is SR.

Q3) What are the key factors to consider when selecting a project methodology for a software development project and how do these factors impact the overall success of the project?

project requirements

project complexity

team experience and expertise

stakeholder collaboration

project schedule and time constraints

risk management

organizational culture

communication and documentation

Q4) How does the agile development methodology promote collaboration, adaptability and iterative progress in software development projects and what are the key benefits of adopting agile methodologies compared to traditional waterfall approaches?



1 collaboration - among team members and  
2 stakeholders throughout the project.

3  
4  
5 adaptability - designed to accommodate  
6 change.

7  
8 iterative progress - iterative and incremental  
9 development

10  
11 flexibility

12 faster time-to-market.

13 improved collaboration and communication.

14 higher quality and customer satisfaction.

15 risk mitigation.

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