1. Differentiate between a project and program.

* Program refers to groups of related projects that are run as a group toward producing a common benefit while a project represents a single, focused endeavor.

1. Describe the different stages of a project lifecycle.
2. **Project Initiation:**

* It is where the project starts. It provides an overview of the project, along with the strategies required to attain desired results. It is the phase where the feasibility and business value of the project are determined.

1. **Project Planning:**

* The planning phase frames a set of plans which help to guide your team through the implementation phase and closing phase. The program created at this point will surely help you to manage cost, quality, risk, changes, and time.

1. **Project Execution:**

* Project execution is the phase where project-related processes are implemented, tasks are assigned, and resources are allocated. The method also involves building deliverables and satisfying customer requirements.

1. **Project Monitoring and Control:**

* The project monitoring and control phase is all about measuring the performance of the project and tracking progress. It is implemented during the execution phase. The main goal of this phase is to check whether everything aligns with the Project Management Plan, especially concerning financial parameters and timelines.

1. Why is project planning considered the most significant step in the project life cycle?

* Project plans are important because they provide a shared vision for what the project aims to accomplish.

1. What is meant by the following as used in software development:
2. Project Scope.

* It is the part of project planning that involves determining and documenting a list of specific project goals, deliverables, tasks, costs and deadlines.

1. Project lifecycle.

* It is the sequence of phases through which a project progresses.

1. Quality control.

* The control quality is used to create quality control measurements, validated changes, verified deliverables, work performance information and change requests.

1. Explain the major skills of a project manager.

* A project manager's skills include having strong leadership skills, impeccable communication, knowledge about motivation theories, and great problem-solving skills.