

Q1: True or False Questions

5 Marks

1. Project is an ongoing activity, with no finish date. **(False)**
2. A Project Manager must be a technical expert **(False)**
3. The work that must be done to deliver a product with specified features & functions is called Project Scope **(True)**
4. Project management is the application of knowledge, skills, tools and techniques to project activities to meet project requirements **(True)**
5. Project Manager is also responsible to manage human resources working on the project **(False)**
6. A decomposition of the entire project effort into smaller pieces is called RBS **(False)**
7. Manager goal is to do everything possible to allow your team to make the greatest progress possible **(True)**
8. People who are directly or indirectly involved in the project activities are called Project Stakeholder **(True)**
9. Project time management means gathering requirements and defining scope **(False)**
10. If slack time is zero then it is critical path **(True)**

Q2: What is a project, and what are its main attributes?

4 Marks

A project is a temporary endeavor undertaken to create a unique product, service, or Result, which brings about beneficial change or added/ extra value

Project Attributes

- 1- A project has a unique purpose
- 2- A project is temporary
- 3- A project is developed using progressive details

4- A project requires resources, often from various areas

5- A project should have a primary customer or sponsor

6- A project involves uncertainty

Q3: What is the role of the project manager? What are suggested skills for all project managers? 4 Marks

A project manager must work closely with the other stakeholders on a project, especially the sponsor and project team. He is also more effective if he is familiar with the nine project management knowledge areas and the various tools and techniques related to project management. Experienced project managers help projects succeed.

A project manager can have many different job descriptions, which can vary tremendously based on the organization and the project. In general, a project manager must possess following skills for a successful project.

- 1- Analysis
- 2- Communication
- 3- Budgeting
- 4- Teamwork
- 5- Intelligence
- 6- Calmness
- 7- Time management

OR

1. People skills
2. Leadership
3. Listening
4. Integrity, ethical behavior, consistent
5. Strong at building trust
6. Verbal communication
7. Strong at building teams
8. Conflict resolution, conflict management
9. Critical thinking, problem solving
10. Understands, balances priorities

Q4: Briefly describe the following terms.

3 Marks

a) **Scope Statement**

The scope statement details the project deliverables and describes the major objectives. The objectives should include measurable success criteria for the

project.

b) **WBS**

Dividing complex projects to simpler and manageable tasks is the process identified as Work Breakdown Structure

c) **Milestone**

Milestones are significant (important) events that are either reached in the project or imposed on the project.

Q5: Draw the Precedence Network Diagram for the given project activities and write all possible paths with duration. 4 Marks

Task Code	Task Description	Duration (weeks)	Precedents
T1	System Analysis	4	
T2	Database Design	3	T1
T3	Software Development	10	
T4	Integration	6	T2, T3
T5	Testing	3	T4
T6	Documentation	5	
T7	Training	2	T5, T6

Three (3) paths:

1- T1- T2- T4- T5- T7 = 18 weeks

2- T3- T4- T5- T7 = 21 weeks

3- T6- T7 = 7 weeks

