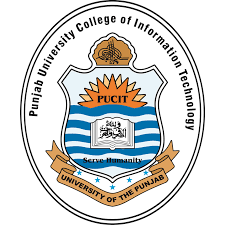
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**Punjab University College of Information Technology**

**Quiz 1**

**Total Marks: 20**

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**ABC**

**SOFTWARE PROJECT MANAGEMENT**

1. **Choose the correct word. [10]**

1. What are Requirements refined and analyzed to assess their clarity, completeness, and\_\_\_\_\_

**A. Consistency**

B. Correctness

C. Concurrency

D. None of these

2. A software project that meets all the given objectives is a success of \_\_\_\_\_\_\_\_\_.

A. Project fundamental purpose

B. Project quality

C. Project requirement

**D. Project management myth**

E. None of these

3. \_\_\_\_\_\_\_\_\_\_\_ is not an effective software project management focus..

A. people

B. product

C. process

**D. popularity**

4. What is the abbreviation of PM-CMM…

A. product management capability maturity model

B. process management capability maturity model

**C. people management capability maturity model**

D. project management capability maturity model

5. \_\_\_\_\_\_\_\_\_ is not a project manager’s activity.

**A. project design**

B. project management

C. project planning

D. project control

6. The \_\_\_\_\_\_\_\_\_\_ is not an approach to software cost estimation?

A. Analytical

**B. Critical**

C. Empirical

E. Heuristic

7. Which one of the following is not considered as a risk in project management?

**A. Staff turnover**

B. Testing

C. Product competition

D. Specification delays

8. What is the process each manager follows during the life of a project is known as

A. Project Management

**B. Project Management Life Cycle**

C. Manager life cycle

D. All of the mentioned

9. Quality planning is the process of developing a quality plan for\_\_\_\_\_\_\_\_\_.

A. customers

B. project manager

C. team

**D. project**

10. Which of the following is the sub-process of process improvement?

A. Process introduction

B. De-Processification

**C. Process analysis**

D. Process distribution

1. How do you manage a software project in term of scheduling and budgeting of software project?

**Answer:**

**Scheduling and budgeting of software project:**

* Capture all of the scope (scope statement, WBS, and WBS dictionary). If you do not capture the total project scope correctly, there is little hope that the project can be executed for the **budget or schedule**.
* Insist on input from all stakeholders. Penetrate through stated needs and include implied needs.
* Determine the various **cost categories** used at the organization.
* Develop Project Team and Project Management Team trust.
* Develop a reliable, consistent, sufficiently detailed WBS and time decomposition structure. **Estimate Cost and Determine Budget**.
* Stop scope and grade creep. Eliminate gold plating. None of these adds value to the project. Your team is your first line of defense.
* Perform EVM, variance, and **trend analysis**.
* **Continuously communicate** to stakeholders on project status, project direction, and what the project will look like at completion.
* Use organizational process assets (OPA) to **develop, analyze, and challenge**.
* **Take action** when indicated sooner rather than later.

1. Read the following paragraph comprising of Project Synopsis for Android Vehicle Tracking with Speed Limiting and identify the risks, periodize them with their effects by drawing the table.

The system tracks vehicles on an online map. The system allows the app user to track and check vehicle fuel entries, servicing data and even repair/ maintenance status. This system allows users to keep track of their vehicles provided on rent or lease to someone else. Also for tourist vehicle owners to keep track of multiple vehicles. The individual features of this application have been listed below

* It provides a fuel entry form for each vehicle in that keeps track of its fuel entries for every month.
* A servicing Entry form is used to maintain the servicing data for each vehicle in per month.
* Repair & maintenance Entry form for each Vehicle in allows us to track its monthly repair/maintenance status.
* The vehicle tracking system Uses the drivers GPS Enabled Mobile to track the vehicle on a google maps.

**Answer:**

There are many risk in project development . firstly find out risks and effects than it resolved for successful development of the project.

In above project the effect and risk are following that may cause of failure until it not handled

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Risks** | **Effects** | **Prioritize** |
| 01 | Fuel Risk | It not work properly for checking fuel or may finish on the way then what will do customer | Serious |
| 02 | Budget Risk | If estimated budget is not enough for completing the project and if we can not convince customer that’s may cause left in between | Catasrophic |
| 03 | Stakeholders Risk | If development team are not available or management may be they change career or may ill . Ones it develop then we required drivers | Serious |
| 04 | Business Risk | It easy to use but it required professional drivers that may cause reduce business | Tolerable |
| 05 | Schedule Risk | Change in times relates to schedule risk. Schedule change will increase product development time and product will be useless after time interval. | Catastrophic |
| 06 | Internet Limitation | This project required internet. If in any case internet no available then it no work | Catastrophic |
| 07 | Repair Risk | It is a product risk in which car repair is not working properly and car does not work while on rent | Serious |