**SSW 555 Agile Methods for Software Development**

**Quiz 10: Crystal**

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**1. Describe 2 of the properties of Crystal Clear.**

Properties are:

1. Reflective improvement

* After every few weeks and after every delivery, the team reviews what has worked and what needs changing and make improvements likewise. In simple words reflect and improve.
* It is like Sprint retrospective in Scrum method.

2. Osmotic communication

* Osmotic Communication means that information flows into the background hearing of members of the team, so that they pick up relevant information as though by osmosis.
* This is normally accomplished by seating them in the same room.
* When one person asks a question, others in the room can either tune in or tune out, contributing to the discussion or continuing with their work.

**2. Describe 2 of the strategies of Crystal Clear.**

1. Exploratory 360◦

The team starts to look at every aspect of the project at the very beginning. It may consist of considering:

* Business Value
* Requirements
* Technology methods
* Project plan
* Resource requirements
* Processes used

Everything needed for the project to succeed is analyzed with respect to feasibility and decision is taken whether to proceed or not.

1. Early Victory

This is focusing on the very first team deliverable, a running, tested piece of code and getting it done successfully.

**3. Describe 2 of the techniques of Crystal Clear.**

1. Methodology shaping to define process.

* Conduct interviews to collect information.
* Conduct workshop to define process.

2. Reflection Workshop

* The team should pause for an hour periodically – certainly after each delivery – to reflect on its working conventions.
* In the reflection workshop, the team members discuss what is working well, what needs improvement, and what they are going to do differently during the next period.

**4. For what types of projects is Crystal Orange intended?**

* Crystal Orange is suited for projects that have large teams of 20 to 40 members and have a lifespan of 1-2 years.
* Crystal orange is intended for larger projects, requiring more coordination and

communication.

* Especially projects for systems that can cause more damage, need

added hardness in the methodology, more validation and verification rules.