**Agile Homework**

a)  What are key principles are customer centric and help customers to  
provide feedback?

Customer satisfaction is one of the most important principals in agile. It is first priority to deliver customer product frequently and update it as needed add new features, updates and change it, so the customer can see it and provide feedback.

Embrace the change is also important. In this world everything is changing so friendly that products can be updated daily, that is why is great way to use this method .You must be able to adapt and change, per customer request. This means that we should develop it fast and get feedback from customers.

b) What are key principles are Team centric and help team to make right  
decisions?

Working together as a the team project. That way all team can help each other with any issues they can run into. Product owner can help developers to understand what business wants , and developers can see if they meet the demand . Working together helps stakeholders understand needs of the team and give their feedback to them.

Supportive environment helps team members by motivating them to work better. When employees feel like they can trust each other and make mistakes learn from , they will perform better and work hardest. Because they know that no one will judge them, but help them instead.

Face to face meetings are very important in early stages of project. Talking to team members , learning about them , connecting in person is great way to be more understanding of each person’s ability to know what they are capable of in work environment.

When meeting in person you can discuss project and create collaborations between coworkers that will have impact on work during the project.

c) How Agile Values shape the decision making process?

By keeping things simple, it helps people to understand what you are trying to achieve. Avoiding what is not necessary and focusing on high quality product and what is most important.

Primary measure of progress is principal that helps members to understand when they can move on to next step in development. Each team member know their ability and functions of work they are performing , so when they are done with it and software performs as support to they can move on.

They don’t have to follow deadline and rush. Focus is on delivering product and meeting customer needs.

d) How Agile team work together?

They each have role they have to perform. Helping each other, and working as a team. Each member has specific skill set, they contribute to the project. Having daily meetings, discussing changes, prioritizing what they will work on. Attention to details, not wasting time, but proving stakeholders with finished product.

 How Agile scrum helps in better project management?

Team interaction, software management, customer collaboration, and adjusting to change.

How to lead change effectively?

Generally top leader of the company will implement changes.

Leader should be as an example (role model) for the whole organization. It would take some time to adopt change, set the mindset of the team adopt it and change behavior.

Why changes?

Explain why implementing change, when people understand why they implementing change they will be on board with it, not resist it. If leader communicates effectively, change should be implemented smoother.

Leader should have clear vision for change, understand impact and risks, outline how to measure success of it and determine how to support organization throat the change.

What are Agile values?

There 4 of them

**Individuals and interactions over process and tools.**

Team work determines succes

**Working software over comprehensive documentation.**

Getting software to customer is highest priority , not consecrating on paperwork before each step .

**Customer collaboration over contract negotiation.**

It helps to deliver effective product, because of communications that happed during the project while working on delivering it reducing risks and guessing what they need.

**Responding to change over following plan.**

Helps team to adjust to changes when they are required and encourages people to stay up to date with new tools and technology that can be used in adjustments.

How Scrum and Agile is different?

Agile continues interaction of development and testing /Scrum focuses on delivering bussines value in the shortest time

Agile delivers software on daily basis, when Scrum delivers after each sprint

Agile leadership plays major role/, Scrum self organizing cross functional team.

Agile involves collaborations and face to face interactions between each other /Scrum collaboration is achieved in daily stand up meeting.

Agile design and executions can be kept simple / Scrum can be innovative and experimental.

How would you define value ?

**Mindset of the person, principles and what is important in life, proper actions.**

**Why Iterative and Incremental project is more successful?**

**Interactive-** software activities are repeated in cycles, new version of software is produced after each change until optimal product achieved.

Incremental- break down software development into small , manageable portions. Each increment built on previous part so improvements are done step by step.

It helps with developing project more accurate and if changes occur they can be implemented slowly. Product would be broken down into different part , and build up from their .

Can we introduce change even last day of the project?

Yes we can introduce change in Agile any time we want to, because team are built and have mindset that is adaptive to change at any time.

**Why face to face conversation improves success?**

When talking to person face to face you can see their body language, also understand them better. Get to know them, connect and have better relationship.

Why 40 hours work is important?

If developer or any other worker in Agile team works more that 40 hours with time they will get burnt out, and might make mistakes or even quite. That is why implementing 40 hour work week is important so developers or qa stay fresh in their minds.

Why delaying decision is important?

Because it leads to making better decision later on…(until you have learn enough to make RIGHT decision).