Question 7

The Agile approach to project management and software development emphasizes flexibility, collaboration, and iterative delivery. There are many books and writings out there about the Agile movement. There seems to be some limited evidence suggesting that Agile strategies can be more effective than traditional strategies. One recent survey of 173 respondents found that projects undertaken using the Agile method had a 64% success rate, compared with 49% for those using the Waterfall method. Some Agile principles that can be applied to all projects are a willingness to makes changes when needed, taking feedback from clients along the way, and working at a sustainable pace. Agile seems to be a great approach to project management as long as the team is in harmony within itself and shares a common vision to begin with. Finding the right people to work with is probably more important than following any particular contrived methodology**,** for ifteam members can’t get along, it may not matter much what framework these use. In the end, the biggest difference makers in a project are the stakeholders themselves, whether they be customers, contractors, or team members.

References:

[What is Agile? | Agile 101 | Agile Alliance](https://www.agilealliance.org/agile101/)

[Ambysoft’s 2013 Project Success Rates Survey](http://www.ambysoft.com/surveys/success2013.html)

[For an Agile Transformation, Choose the Right People](https://hbr.org/2021/03/for-an-agile-transformation-choose-the-right-people)

Question 8

Scrum is a popular Agile software development and product management methodology in which deliverables are broken down and released in smaller increments called “Sprints.” Each Sprint is made up of four steps -plan, build, test, and review- over a period of one to three weeks. The outcome of every Sprint is a potentially shippable product. In Scrum, there are three main roles: the Product Owner, the Scrum Master, and the Team. Three documents are used: the Product Backlog, the Sprint Backlog, and the Breakdown Chart. There are also three or four kinds of meetings: Sprint Planning, the Daily Scrum, the Sprint Review, and the Sprint Retrospective. A key aspect of Scrum is taking things one day at a time, maintaining a certain rhythm and structure while still allowing for flexibility.

References:

[Introduction to Scrum - 7 Minutes](https://www.youtube.com/watch?v=9TycLR0TqFA)

[Intro to Scrum in Under 10 Minutes](https://www.youtube.com/watch?v=XU0llRltyFM)

Question 9

Structural Frame:

TODO

Human Resources Frame:

TODO

Political Frame:

TODO

Symbolic Frame:

TODO

References:

[Partnership between Microsoft and NFL continues to score high for players, coaches and fans](https://news.microsoft.com/features/partnership-between-microsoft-and-nfl-continues-to-score-high-for-players-coaches-and-fans)

[Sideline of the Future](https://operations.nfl.com/gameday/technology/sideline-of-the-future/)