Assignment 2

Instructions:

1. Assignment should be in handwritten form.
2. Make sure your assignment is complete and includes any required information, such as your name, date, seat.no and course information.
3. Provide a thorough answer that is supported with relevant and credible information.
4. Make sure that you submit your assignment on time.

Question 1: Explain how the principles of agile methods lead to the accelerated development and deployment of software

Question 2: Extreme programming expresses user requirements as stories, with each story written on a card. Discuss the advantages and disadvantages of this approach to requirements description.

Question 3: How does Agile development support collaboration and communication among team members? What tools and techniques are commonly used in Agile development to facilitate collaboration and communication?

Question 4: It has been suggested that one of the problems of having a user closely involved with a software development team is that they 'go native'; that is, they adopt the outlook of the development team and lose sight of the needs of their user colleagues. Suggest three ways how you might avoid this problem and discuss the advantages and disadvantages of each approach.

Question 5: To reduce costs and the environmental impact of commuting, your company decides to close a number of offices and to provide support for staff to work from home. However, the senior management who introduce the policy are unaware that software is developed using agile methods, which rely on close team working and pair programming. Discuss the difficulties that this new policy might cause and how you might get around these problems.

Question 6: How does Agile development support collaboration and communication among team members? What tools and techniques are commonly used in Agile development to facilitate collaboration and communication?